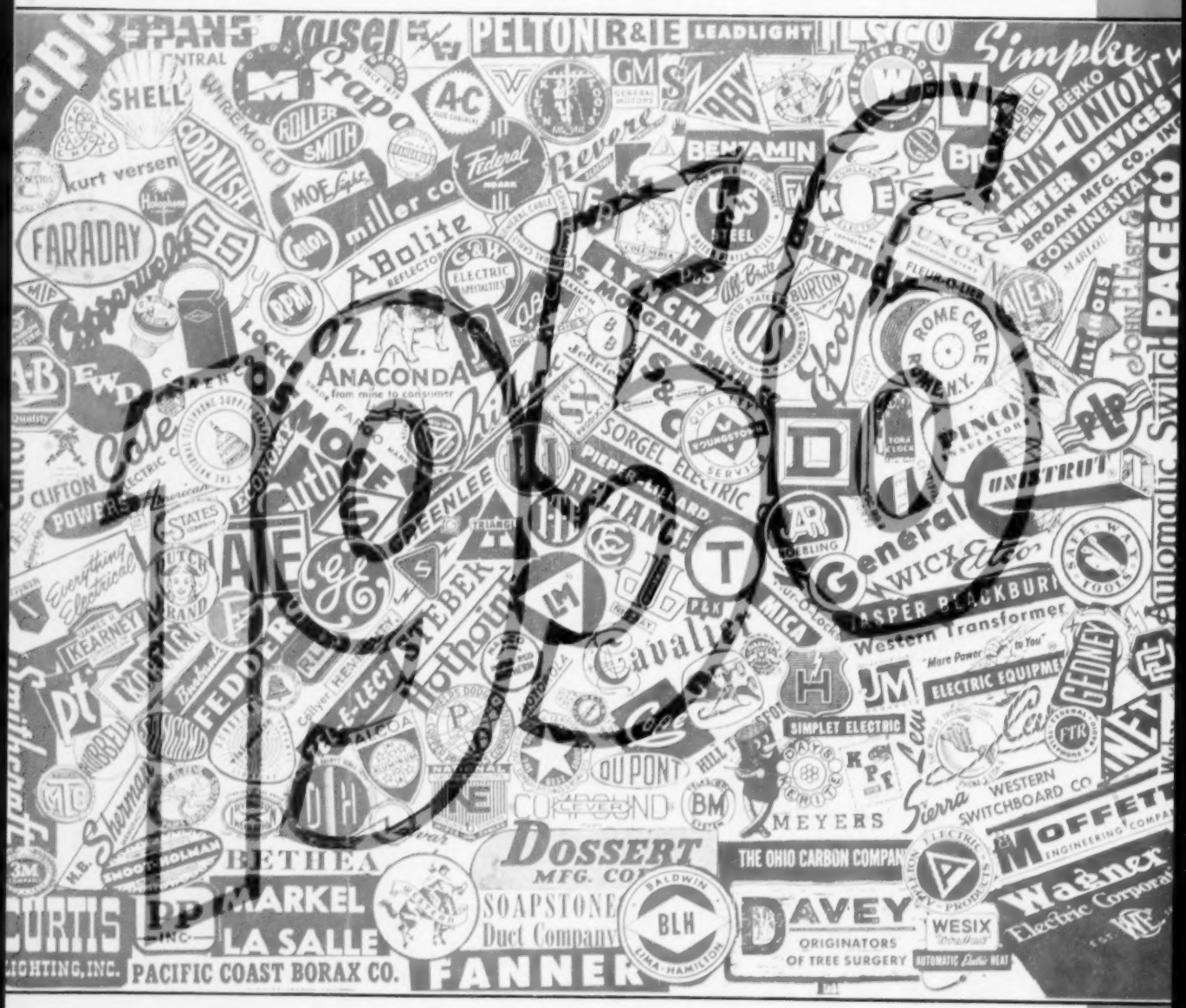
ELECTRICAL WEST

Part II

November 1955
50 Cents

SPOKESMAN FOR THE MOST HIGHLY ELECTRIFIED REGION OF THE U.S.



Manufacturers' Directory Issue

Columbia E.M.T. is new—inside and out. The new Columbia E.M.T., with the recently perfected interior finish, speeds fishing and wire pulling. See for yourself—try Columbia E.M.T. on your next job.

APPROVED BY UNDERWRITERS' LABORATORIES

COLUMBIA CABLE & ELECTRIC CORP.

Serving the Electrical Wholesaler Since 1912

255 Chestnut St. Brooklyn 8, N. Y.

Sales Representatives

DALLAS—Jim Robertson & Co., 2104 Irving Blvd.
HOUSTON—Jim Robertson & Co., 1901 Commerce St.
LOS ANGELES—Frank H. Bran Co., 607 E. 6th St.
SAN FRANCISCO—Robert R. Prussia Co., 524 Second St.
PORTLAND—The Sanderlin Co., 201 S.E. Washington
SEATTLE—The Sanderlin Co., 129 First Ave., West

DIRECTORY of MANUFACTURERS

Alphabetical listing of manufacturers of electrical equipment, showing their principal Western offices and sales representatives. ● Every manufacturer operating in this territory is privileged to be included without charge. While this Directory is as accurate and complete as the publishers could make it, ELECTRICAL WEST assumes no responsibility for errors or omissions. **PAGES 1-63.**

WHERE-TO-BUY IN THE WEST—Alphabetical listing of various electrical products, showing Western sources. **PAGES 64-80.**

DIRECTORY OF APPLIANCE SERVICE AND REPAIR PARTS—A listing of electrical appliance manufacturers' Western service stations and parts depots. **PAGES 86-104.**

DIRECTORY OF REPRESENTATIVES—A listing by states and cities of manufacturers' representatives handling electrical lines. **PAGES 81-85.**

A-B STOVES DIV., Detroit-Mich. Stove Co., 24th St., Battle Creek, Mich.—Eric F. Chemnitz, 1355 Market St., San Francisco; R. L. Baldwin (Crescent Sales Co.), 440 Seaton St., Los Angeles 23; Earl E. Eckstrom & Associates, 2401 Second Ave., Seattle.

A. K. ELECTRIC CORP., 1078 Atlantic Ave., Brooklyn 38, N.Y.—Manufacturers' Sales, 1452 Malvern St., Los Angeles.

ABOLITE LIGHTING (a Division of Jones Metal Products Co.), West Lafayette, Ohio — O. W. Coombs, Inc., 1026 S. Olive St., Los Angeles; G. M. Howard, 1301 6th St., San Francisco 7; Bruce-Emmett Co., 830 S.E. Alder St., Portland and 1016 First Ave. So., Seattle 4.

ACADEMY ELECTRICAL PRODUCTS CORP., 3542 Ninth Ave., New York 34, N. Y.—Lynn & Brooks, 3055 Wilshire Blvd., Los Angeles; 2048 Market St., San Francisco; 9931 N. E. Mason St., Portland, also Seattle and Denver; Eckhert-Lloyd Co., 2115 S. San Pedro St., Los Angeles, and 1225 6th St., San Francisco.

ACCESSORIES MFG. CO., 705 McGee St., Kansas City, Mo.—Keeler, White Co., 615 7th St., San Francisco; 436 Colyton St., Los Angeles; 1041 6th Ave. S., Seattle and 322 N. W. Fourth, Portland.

ACCURATE INSULATED WIRE CORP., 25 Fox St., New Haven, Conn.—McLoughlin Co., Box 3255 Terminal Annex, Los Angeles; Fred D. Benz Jr., 444 Brannan St., San Francisco 7, Calif.

ACCURATE MANUFACTURING CO., 44 Hepworth Place, Garfield, N. J.—F. J. Airey Co., 1513-1516 S. Mateo St., Los Angeles; Electric Agencies, 618 Second Ave., Seattle; L. B. Putnam Co., 1217 California St., Denver, and P. O. Box 2435, Salt Lake City; Michael Curry, 736 18th Ave., San Francisco.

ACCURATE SPRING MFG. CO., 3611 W. Lake St., Chicago, Ill.—E. Jordan Brookes Co., 5138 W. Jefferson Blvd., Los Angeles, 571 Howard St., San Francisco, 3564 30th St., San Diego

ACE COMPANY, 112 W. Washington St., Ocala, Florida—Pacific States Supply, 3155 Leonis Blvd., Los Angeles; F. E. Bennett Co., 426 Northwest Sixth Ave., Portland; Equipment Supplies, Inc., 528 First Ave. South, Seattle 4; Robert S. Bader, 142 Broadway, Denver 9; E. C. Buehrer Assoc., 351 5th St., Oakland 7.

ACEC ELECTRIC CORP., 40 East 49th St., New York City 17—Branch offices — Acec Electric Corp., 354 South Central Ave., Los Angeles, Calif. and 7 Front St., San Francisco, Calif.

ACHESON COLLOIDS CO., 1661 Washington Ave., Port Huron, Mich.—C. L. Haserot, 3344 Medford Ave., Los Angeles 8, Calif.

ACKERMAN - JOHNSON CO., 625 W. Jackson Blvd., Chicago 6, Ill.—Eoff Electric Co., 509 N. W. Tenth Ave., Portland; W. C. Winks, 14th and Washington Sts., Portland; Westinghouse Electric Supply Co., Portland; C. W. Marwedel, 1235 Mission St., San Francisco; Los Angeles Wholesale Electric Co., 214 E. Third St., Los Angeles.

ACME ELECTRIC CORPORATION, Cuba, New York—Los Angeles plant: 1375 W. Jefferson Blvd; Sales representatives: W. S. Harmon Co., 121 N. Robertson Blvd., Beverly Hills; H. M. Denny Co., 1016 First Ave. S., Seattle 4; W. A. Patterson, 420 Market St., San Francisco; H. G. Shefler, 240 So. First Ave., Phoenix; Clyde Elliott, 3014 S. Cherry Way, Denver.

ACME ELECTRIC HEATING CO., 1217 Washington St., Boston, Mass. — Braun-Knecht-Heimann Co., 1400 Sixteenth St., San Francisco.

ACME ELECTRIC WELDER, 2618 Fruitland Ave., Los Angeles 58, Calif.—Ralph B. Lundy, 1065 Howard St., San Francisco; J. E. Haseltine Co., 2nd & Ash Sts., Portland; 510 First Ave. South, Seattle and N. 1101 Division St., Spokane; Arizona Welding Equip. Co., 815 East Broadway, Tucson, Ariz., and 415 South 7th St., Phoenix, Ariz.

ACME GAUGE & INSTRUMENT CO. INC., 30 Main St., Brooklyn 1, N.Y.—Jensen Instrument, 420 Market St., San Francisco and 1919 Beverly Blvd., Los Angeles.

ACME INDUSTRIES, INC., 600 Mechanic St., Jackson, Mich.—Acme Co. of Southern Calif., 2595 Hollywood Blvd., Los Angeles; ; Acme Industries, Inc., 280 7th St., San Francisco.

ACME LIGHTING & MFG. CO., 949-963 East 31st St., Los Angeles 11, Calif.—Leo Knufmann, 72 Sacramento St., San Francisco; Peerlite Mfg. & Supply Co., 178 5th St., San Francisco; Sunlight Elec. Supply, 444 5th Ave., San Diego; Elec'l Contractors Supply, 205 So. Third Ave., Pocatello, Ida.; Superior Sales Co., 1725 19th St., Sacramento; Inland Electric Co., West 812 4th Ave., Spokane; Beacon Lighting Co., 2521 East 6th St., Tucson, Ariz.

ACME LITE PRODUCTS CO., Congers, New York—Electri-Cal, 5455 Hollywood Blvd., Los Angeles; E. Russell White, 3149 N.E. Sardey Blvd., Portland 12.

ACME PRODUCTS CORP., 212 S. 3rd, St. Joseph 5, Mo.—Calif. Ultraviolet Co., 420 Market St., San Francisco.

ACME STEEL CO., 2840 Archer Ave., Chicago, Ill.—Branch offices: H. F. Middleton, Mgr. Western Area, 4903 Pacific Blvd., Los Angeles 58; W. H. Smythe, Mgr., 750 Second St., San Francisco; W. F. Tucker, Mgr., 4903 Pacific Blvd., Los Angeles, and E. P. Naumes, Mgr., Portland and Seattle.

ACME WIRE COMPANY, 1255 Dixwell Ave., New Haven 14, Conn.—Insulation Supply Co. Ltd., 779 E. Pico Blvd., Los Angeles 21 (Rep on Varnished Electrical Insulations)

ACORN INSULATED WIRE CO., INC., 36 Freeman St., Pawtucket, Rhode Island—Keeler, White Co., (in following cities) 615 Seventh St., San Francisco; 436 Colyton St., Los Angeles; 322 N. W. Fourth Ave., Portland 9; 1041 Sixth Ave., South, Seattle; 204 Keith Bldg., Denver; S. 121 Madison St., Spokane; Howard F. Condon, Enterprise Bldg., Denver.

ACRA ELECTRIC CORP., 9901 Pacific Ave., Franklin Park, Ill.—R. S. Hopkins, 4855 Elmwood Ave., Los Angeles.

ACRABORE, INC., 1 Mill St., Webster, Mass.—J. E. Vincent, 17533 Enadia Way, Van Nuys, Calif.; John Bister, 9083 Seward Park Ave., Seattle.

ACRO-MU SWITCH DIV., The Acro Mfg. Co., 2040 E. Main, Columbus, Ohio—Fred F. Alleman, 1665 Riverside Dr., Los Angeles; Kieruiff & Co., 820 Olympic Blvd., Los Angeles; R. H. Fisher Sales Co., 721 Clementina St., San Francisco; W. D. Brill Co., 198 10th St., Oakland; C. B. Parsons, 3028 First Ave., Seattle; H. G. Shefler, P. O. Box 1587, Phoenix; C. P. Elliot, 3020 S. Cherry St., Denver.

ADALET MFG. COMPANY, 14300 Lorain Ave., Cleveland 11, Ohio—The Curry Company, 736 Eighteenth Ave., San Francisco; The Darger Co., 211 South Second West, Salt Lake City; L. S. Reed & Co., 1018 Lawrence St., Denver, Colo.

ADAM ELECTRIC CO., FRANK, 3650 Windsor Place, St. Louis, Mo.—Columbia Electric Mfg. Co., 275 Steuart St., San Francisco; F. E. Stahle & Sons, 2046 Arapahoe St., Denver 2; W. A. Crowder, 1011 E. Empire Ave.; Spokane; W. A. Crowder, 1809 Taylor Ave., Seattle 9.

The Frank H. Bran Co.

MANUFACTURERS' REPRESENTATIVE

ATLANTIC CONDUIT FITTINGS COMPANY
Conduit and Cable Fittings

CABLE ELECTRIC PRODUCTS, INC.
Snapit Switches, Receptacles, Chimes, Transformers, Plug Fuses and Devices, Cord Sets

COLUMBIA CABLE & ELECTRIC CORP.
A.B.C. Armored Cable, EMT Thin Wall Conduit, Non-metallic Cable, Flexible Steel Conduit, Underground Feeder Cable

DAYTON RUBBER COMPANY
Holfast Friction and Rubber Tape

ELECTRO SILV-A-KING CORPORATION
RLM Reflectors, Floodlights, Lighting Fixtures

LITECOR, INC.
Switch and Outlet Boxes

607 EAST SIXTH STREET
LOS ANGELES 21, CALIFORNIA
Michigan 7663

ALLEN

FLUXES
SODERS

for • sodering
• brazing
• welding

Solder . . . for all metals. Flux . . . for all metals—all forms—liquid, paste, salts, oil. All special government specifications Fluxes, etc. Send for Check Charts which give melting points of all soders.

REPRESENTATIVES

SAN FRANCISCO
J. M. Chapman
290 Ninth Street
San Francisco 3
Phone HEmlock 1-1842

LOS ANGELES
George P. Wilcox Company
2330 West 3rd Street
Los Angeles 5
Phone DUnkirk 3-3343

SALT LAKE CITY
E. C. Coffin Co.
1661 E. 48th South
Salt Lake City 7

SEATTLE
R. C. Brinkley
2453 Sixth Ave., So.
Seattle 4
Phone Seneca 2730

L. B. ALLEN CO. INC. 6710 Bryn Mawr Ave. Chicago 31, Illinois

ADAMS & WESTLAKE CO., 1025 N. Michigan St., Elkhart, Ind.—The A. W. Nash Co., 2112 S. Atlantic Blvd., Los Angeles 22; C. B. Parsons & Co., 3028 First Ave., Seattle; T. R. Routh Co., 742 Market St., San Francisco 2.

ADJUSTABLE FIXTURE CO., 104 E. Mason St., Milwaukee 2, Wis.—Leading electrical wholesalers, all cities.

ADMIRAL CORPORATION, 3800 Cortland St., Chicago, Ill.—Cunningham Distributing, Inc., 220 W. Marquette, Albuquerque; Admiral Distributors, 495 Beach St., San Francisco; Admiral Distributors, 6565 E. Washington Blvd., Los Angeles; Admiral Distributors, 1270 Columbia St., San Diego; Admiral Distributors, 1140 W. 5th Ave., Denver; Salisbury Distributors, Inc., 45 W. Main St., Spokane; John E. Amberg Co., 902 First Ave. S., Seattle; Lou Johnson Co., Inc., 1506 N.W. Irving, Portland.

ADVANCE ELECTRIC & RELAY CO., 2425 N. Naomi St., Burbank, Calif.—Harold L. Newnan, 420 Market St., San Francisco; Paul Wiley, 1632 Silverlake Blvd., Los Angeles; Ronald G. Bowen, 446 Broadway, Denver; Samuel N. Stroum, 1612 Broadway, Seattle; Allan Schreiber, 4770 Palm Ave., La Mesa, Calif.

ADVANCE TRANSFORMER CO., 2950 N. Western Ave., Chicago, Ill.—Ray J. Noel Co., 4315 S. Western Ave., Los Angeles; Pete Bach Electric, 1233 N.W. 12th Ave., Portland.

AERO INSTRUMENT CO., 11423 Vanowen St., North Hollywood, Calif. Factory to Manufacturer.

AEROLITE ELECTRONICS CORP., 507 26th St., Union City, N. J.—C. H. Mitchell Co., 256 S. La Peer Drive, Beverly Hills, Calif.; L. H. Harriss Sales Co., 383 Brannan St., San Francisco.

AEROLUX LIGHT CORP., 653 11th Avenue, New York, N. Y.—Mrs. Harvey McCrone, 449 Beloit Ave., Los Angeles.

AERO-MOTIVE MFG. CO., 1803 Alcott St., Kalamazoo, Mich.—Manufacturers Distributors, 476 Golden Gate Ave., San Francisco.

AERO RESEARCH INST. CO., INC., 1040 W. Grand Ave., Chicago, Ill.—Western Control Equipment Co., 14615 Ventura Blvd., Sherman Oaks, Calif.; Bert C. Porter, 4310 Roosevelt Way, Seattle; Hyde Sales Co., 2220 Utah St., N. E., Albuquerque, N. M.

AEROVENT FAN CO., INC., Ash and Ball Sts., Piqua, Ohio—Sharpe Eng. Co., 1017 E. Washington Blvd., Los Angeles 14; George E. Mead, 501 Arctic Bldg., Seattle 4; Mead & Associates, 317 W. Alder, Portland.

AEROVOX CORP., 740 Belleville Ave., New Bedford, Mass.—West Coast Div., A. E. Quick, 2724 S. Peck Road, Monrovia, Calif.; Ron Merritt, 120 W. Thomas St., Seattle; Meyer and Ross, 113 Tenth St., San Francisco; R. McClendon, 3907 Central Ave., East, Albuquerque, N. M.; B. Franklin, 1219 California St., Denver 4.

AGA DIV. ELASTIC STOP NUT CORP. OF AMERICA, 1027 Newark Ave., Elizabeth, N. J.—John C. Henberger, 3536 Crown Point Dr., San Diego, Calif.

AGASTAT Div. American Gas Accumulator Co., 1030 Newark Ave., Elizabeth 3, N. J.—Western Electro Mechanical Co., 300 Broadway, Oakland; A. L. Polich & Associates, 5860 S.W. 18th Drive, Portland.

AIR CONTROLS, INC., 2310 Superior Ave., N. E. Cleveland 14, Ohio—O. C. Hatch, 8200 15th St. N.E., Seattle; H. A. Weller, 3411 N.E. Hassalo St., Portland; F. T. Clifford, 29 S. State, Salt Lake City.

AIR FILTER CORP., 108 No. Water St., Milwaukee, Wis.—Harold W. Frederick Co., W. 915 Mallon Ave., Spokane 8; Burke & Co., 2902 Hyde Park Blvd., Los Angeles; E. H. Langdon, 72 Vine St., Seattle; H. W. McKenzie, 100 Northwest Holladay, Portland; J. L. Myers Co., 200 Davis St., San Francisco.

AIROLITE COMPANY, Westview Avenue, Marietta, Ohio—George Hatch 1700 South Main St., Los Angeles 15; Harold B. Gibbs, 1650 Jones St., San Francisco; Fryer-Knowles, 1718 Broadway, Seattle; W. H. Cress Co., 201 Concord Bldg., Portland; Harry I. Davis, 718 Carlisle Blvd. S.E., Albuquerque; L. W. Worthington, 2319 Fourth Ave. North, Billings; William, Gritton & Wilde, 204 Dooly Bldg., Salt Lake City; Colo. Builders Supply, 1534 Blake St., Denver; Maloney Specialties, 823 W. Laurel St., San Diego; A. C. Baechlin, 2033 N. 40th St., Phoenix.

AIR-RAY ELECTRIC FURNACE, P. O. Box 549, Puyallup, Wash.

AIR-TRON, INC., (Formerly Roy C. Stove Co.,) 3536 W. 16th St., Indianapolis, Ind. — Westinghouse Electric Supply, General Electric Supply and Sylvania Electric Supply houses in all principal cities. Calif. Ultraviolet Co., 420 Market St., San Francisco.

AIR-WAY INDUSTRIES, INC., 2101-2115 Auburn Ave., Toledo 1, Ohio — Air-Way Branches, Inc., 717 Market St., San Francisco, Calif.; 2500 West Sixth St., Los Angeles; 3945 Market St., Riverside; 259 Spreckles Bldg., San Diego; 1816 L St., Bakersfield; 3118 Tulare St., Fresno; 234 N. Glendale, Glendale, Calif.; 1017 S.W. Washington St., Portland; 109 Virginia St., Seattle; N. 1607 Division St., Spokane; 1410 Idaho St., Boise; 409 Dooly Bldg., Salt Lake City; 2450 E. McDowell Road, Phoenix.

AJAX ELECTRIC CO., 101 Allen St., Philadelphia, Pa.—A. W. Nash, 2112 S. Atlantic Blvd., Los Angeles 22; H. E. Hartley, 230 Hudson St., Seattle; G. H. Thurston, 1 Estates Court, Orinda, Calif. (for San Francisco).

AJAX ELECTROTHERMIC CORP., Lower Ferry Rd., Trenton, N. J.—Albert W. Nash, 2112 S. Atlantic Blvd., Los Angeles 22; George H. Thurston, 1 Estates Court, Orinda, Calif.; Tracy C. Jarrett, 95 S. Ammons St., Denver 15, Colo.

AJAX ENGINEERING CORP., Lalor & Hancock Sts., Trenton, N. J.—A. W. Nash Co., 2112 So. Atlantic Blvd., Los Angeles 22.

AJAX FLEXIBLE COUPLING CO., INC., Portage and English Sts., Westfield, N. Y.—Samson Sales, 420 Market St., San Francisco; A. W. Nash, 2112 S. Atlantic Blvd., Los Angeles 22; Haultain-Champion Co., 320 East 8th St., Oakland 6; J. S. Thurlow, 2405 Eleventh Ave., S.W. Seattle 4.

ALABAMA MFG. CO., 1st Ave. No. & 19th St., Birmingham, Ala.—Sold thru leading distributors all principal cities.

ALADDIN HEATING CORP., 1111 West Ave. 137, San Leandro, Calif.

ALBERTSON & CO., Inc., 3100 Lowell Ave., Sioux City, Iowa—C. C. Beebe, 2058 W. 78th Place, Los Angeles; M. E. Dear, 2218 42d Ave. S.W., Seattle; E. T. Jacobsen, 7740 Cecilia St., Downey, Calif.; H. W. Tott, 249 Cherrywood St., San Leandro, Calif.; Frank Orr, 1924 S. University Blvd., Denver; A. E. Mjoen, 822 Lincoln Place, Spokane 9.

ALCO VALVE CO., 865 Kingsland Ave., St. Louis 5, Mo.—Pacific Scientific Co., (in following cities) 25 Stillman St., San Francisco; 1430 Grande Vista Ave., Los Angeles 1218 S.E. 7th Ave., Seattle; 421 Michigan St., Portland.

ALCOR MANUFACTURING CO., 4444 W. Roosevelt Road, Chicago, Ill.—S. Borkvist, 6216 Laird Ave., Oakland, Calif.

ALLARD INSTRUMENT CORP., 146 E. 2nd St., Mineola, L. I., New York—Joe Davidson and Associates, 2803 Los Flores Blvd., Lynwood, Calif.

ALL-BRIGHT ELECTRIC PRODUCTS CO. (See Electro-Silva-King).

ALLEGHENY LUDLUM STEEL CORP., 2020 Oliver Bldg., Pittsburgh, Pa. — Branch offices: Box 6842, Los Angeles 22; 36 Berry St., San Francisco 7; 1927 First Ave. South, Seattle; 1223 N.W. Overton St., Portland 9.

ALLEN MANUFACTURING CO., 133 Sheldon St., Hartford, Conn.—Robert E. Hess, 24 California St., San Francisco; George Newton, 817 So. San Pedro St., Los Angeles.

ALLEN COMPANY, INC., L. B., 6710 W. Bryn Mawr, Chicago, Ill.—J. M. Chapman, 290 Ninth St., San Francisco; George P. Wilcox, 2330 W. 3rd St., Los Angeles 5; E. C. Coffin Co., 1661 East 48th St., South, Salt Lake City; R. C. Brinkley, 2453 Sixth Ave. So., Seattle 4. (See ad page 2.)

ALLEN-BRADLEY CO., 136 W. Greenfield Ave., Milwaukee, Wis.—Campbell & George 1601 Cortland Ave., San Francisco; H. D. Easterbrook, 1264 S. Boyle Ave., Los Angeles 23; Young Electric Mfg. Co., 2134 Curtis St., Denver; C. E. Klaus, 1004 S.E. Belmont, Portland 14 and 2605 Western Ave., Seattle 1; James A. Setchell, 301 West G St., San Diego, Calif.

ALLEN & OLSEN MFG. CO., 4230 Del Rey Ave., Venice, Calif.—The Chas. Meier Co., 1473 Harrison St., San Francisco.

ALLEN COOLER & VENTILATOR INC., 704 Woodward Ave., Rochester, Mich.—Air Equip. Sales Co., 1101 Riverside Dr., Los Angeles 31; Harris Supply, 524 N.W. 14th St., Portland 6; Idaho Industrial Supply, 114 S. 23rd St., Boise; Phillips Steel Co., 315 W. Marble Rd., Albuquerque; Frants Service Co., 2090 S. Columbine St., Denver; Builders Supply, Box 176, Helena; Oliphant Commercial Corp., 610 Oak St., Oakland 7.

ALLIANCE MFG. CO., Lake Park Blvd., Alliance, Ohio—John [illegible]bergen Company, 2232 W. 11th St., Los Angeles; H. George Shefler, P. O. Box 1587, Phoenix; E. L. Berman Co., 780 Natoma St., San Francisco 3; James W. Eckersley, 3150 S.W. Hamilton St., Portland, Ore.

ALLIED CONTROL COMPANY, INC., 2 East End Ave., New York City—Western Control Equipment Co., 14615 Ventura Blvd., Sherman Oaks, Calif.; Wm. J. Purdy Co., 312 Seventh St., San Francisco 3; Howell Sales Co., 1250 First Ave. So., Seattle 4.

ALLIED ELECTRICAL MFG. CORP. (See John W. Miller & Associates, Inc.)

ALLIED ELECTRIC PRODUCTS INC., 68-98 Colt St., Irvington 11, N. J.—Branch Office: 2724 Leonis Blvd., Los Angeles, Calif. Agents: Bill Kolans, 101 San Felipe Ave., South San Francisco, Calif.; Hyde Sales Co., 3250 S. Dexter St., Denver, Colo.

ALLIS - CHALMERS MFG. CO., 1126 So. 70th St., Milwaukee, Wis. — A. J. Schmitz, Manager Pacific Region, 41 Sutter St., San Francisco; District offices: James A. Longley, Manager, 650 Harrison St., San Francisco; Richard L. Engel, Mgr., 417 So. Hill St., Los Angeles; W. J. Myers, rep. 747 Ninth Ave., San Diego; U. E. Sandelin, Manager, 520 S.W. 6th Ave., Portland; S. C. Bacon, Mgr., 1318 4th Ave., Seattle; R. D. Moody, Manager, Rocky Mountain Region; District offices: L. B. Gay, Manager, 909 17th St., Denver; B. A. Seare, Manager, 136 So. Main, Salt Lake City; W. D. Nesbeitt, Mgr., West 422 Riverside, Spokane; W. C. Kinnon, 30 West Madison St., Phoenix; J. E. Despins, Manager, Electric Bldg., 215 North Stanton St., El Paso.

ALLIS CO., LOUIS, 427 E. Stewart St., Milwaukee, Wis.—The Louis Allis Co., 970 Tennessee St., San Francisco; Lloyd Bldg., 6th & Stewart, Seattle and 1733 N.E. 7th Ave., Portland; J. B. Colesworthy, 1709 W. 8th St., Los Angeles; R. E. Tweedy, 914 W. Madison, Phoenix: Gates Company, 200 S. Main St., Salt Lake City, Utah.

ALLOVER MFG. COMPANY, 18th Street & Flett Avenue, Racine, Wis.—Paul Johnson Co., 907 N.W. Irving St., Portland, Ore.; Merle Smith & Associates, 600 16th St., Oakland, Calif.

ALL-STEEL EQUIPMENT, INC., Griffith Ave., Aurora, Ill. — The Sanderlin Co., 129 First Ave. W., Seattle 99; Sales Engineer Co., 211 Wazee St., Denver 4; Baxter Company, 101 Kansas St., San Francisco; Agencies Company, 836 Traction Ave., Los Angeles 13.

ALPHA METALS, INC. P.O. Box 34, Bergen Station, Jersey City 4, N. J.—E. L. Berman Co., 758 Natoma St., San Francisco.

ALPHA WIRE CORP., 430 Broadway, New York City—Perlmuth-Colman & Associates, 2419 South Grand Ave., Los Angeles; William Belfer, 926 Howard St., San Francisco; Leonard L. Minthorne Co., 7521 N.E. Glisan Ave., Portland, Ore.; Hyde Sales Co., 3250 South Dexter St., Denver, Colo.

ALTEC LANSING CORP., 9356 Santa Monica Blvd., Beverly Hills, Calif.—Graybar Electric Co. Inc, all principal cities.

ALTON MFG. CO., 1112 Ross Ave., Dallas, Tex.—National Air Control Co., 2629 S. La Cienaga Blvd., Los Angeles; McCombs Supply, 1819 Wazee St., Denver; Boyd Engineering Co. Inc., 112 W. Granite, Albuquerque and 709 Laurel St., El Paso.

ALTORFER BROS. COMPANY, 812 W. Washington St., Peoria, Ill.—Branch Offices: E. P. Becker, Div. Mgr., 1127 Wilshire Blvd., Los Angeles; F. D. Wallace, Dist. Mgr., 866 Adelaide Dr., Pasadena. Distributors: Columbia Dist. Corp., Seattle; Albert Mathias & Co., El Paso; Hoffman Sales Division, 426 W. College St., Los Angeles, 450 Ninth St., San Francisco and 600 S.E. Stark St., Portland; San Diego Appliance Distributors, Inc., 446 West Beech St., San Diego; Colonial Fuel Co., East 117 Boone Ave., Spokane; Independent Distributors, Inc., 1164 Elati St., Denver 4; D. N. Latus & Co., 1531 National Ave., Helena, Mont.; Morley Distributing Co., 312 E. 1st St. South, Salt Lake City, Utah.

ALUMINUM COMPANY OF AMERICA, Alcoa Bldg., Pittsburgh, Penna.—Branch Offices: Robert A. Rohn, District Sales Manager, Equitable Life Bldg., San Francisco 4; C. R. Boyle, District Sales Mgr., 1145 Wilshire Blvd., Los Angeles 14; J. C. Smith, Dist. Sales Manager, 1411 Fourth Ave. Bldg., Seattle; F. S. Smith, Branch Mgr., 1115 U. S. Nat'l Bank Bldg., Portland 4.

ALUMINUM INDUSTRIES, INC., 3670 Werk Road, Cincinnati, Ohio—Northwest Factors Agents, 205 Lenora St., Seattle 1; Edward J. Ryan, 1863 Wazee St., Denver 2; C. Stuart McPherson, 117 Glenwood Ave., Woodside, Calif.; K. J. Shaw Co., 816 W. Fifth St., Los Angeles 17.

ALWALT COMPANY, 1706 Lapham Drive, Modesto, Calif.—O. W. Coombs Sales Co., 1026 S. Olive St., Los Angeles; F. L. Guenther, 2216 First Ave., Seattle 1. Wm. Bennford Co., 401 West Jackson St., Phoenix; Wm. J. Peyser, Jr., 1501 N. Weber St., Colorado Springs, Colo.; Brill Electric Sales, 446 Bryant St., San Francisco 7.

AMANA REFRIGERATION, INC., Amana, Iowa — Regional Sales Manager, J. J. Pollon, 12238 Cantura St., North Hollywood, Calif. Sold thru electrical wholesalers all principal cities.

AMERICAN AIR FILTER COMPANY, 215 Central Ave., Louisville, Ky.—Branch offices: 6175 York Blvd., Los Angeles and 225 Bush St., San Francisco; Harry H. Herman, 1228 California St., Denver; Richards-Conant, 2415 15th St., Denver; Boyd Engineering Co., Inc., in following cities 718 N. Stanton St., El Paso; 112 W. Granite Ave., Albuquerque; 1600 W. Jefferson, Phoenix; R. E. Chase Co., in the following cities: 2332 E. 11th St., Tacoma; 907 Terminal Sales Bldg., Portland; 414 Times Square Bldg., Seattle.

AMERICAN BLOWER CORP., 8111 Tireman Ave., Dearborn, Mich.—West Coast Plant, 1900 First Ave., San Leandro, Calif. Branch Offices: 625 Market St., San Francisco 5; 816 W. Fifth St., Los Angeles 17; 1304 Sherokee St., Denver 4; R. D. Morse, 1305 Republican St., Seattle 9; 921 S.W. Washington St., Portland 5; 128 S. Central Ave., Phoenix; Boyd Engineering Co., Inc., 112 W. Granite Ave., Albuquerque and 609 Laurel St., El Paso.

AMERICAN BRASS CO., American Metal Hose Branch—698 South Main St., Waterbury 20, Conn.—F. Somers Peterson Co., 157 13th St., San Francisco and 1501 S. Maple Ave., Los Angeles 15; Hendrie & Bolthoff Co., 1635 17th St., Denver 2; Metals Supply Co., 121 Motor Ave., Salt Lake City; Graybar Electric Co., Inc., and Westinghouse Elec. Supply, all principal cities.

AMERICAN CHAIN & CABLE CO. INC., Page Steel and Wire Div., 1st and River Sts., Monessen, Penna. — Branch offices: Page Div., Am. Chain & Cable Co., 2216 S. Garfield Ave., Los Angeles, 890 Tennessee St., San Francisco and 4555 E. 46th Ave., Denver.

AMERICAN CONDENSER CO., 4410 N. Ravenswood Ave., Chicago, Ill.—Marsbank Sales Co., 7422 Melrose Ave., Los Angeles.

AMERICAN CONTROL CORP., 133 E. Palmer Ave., Compton, Calif.

AMERICAN ELECTRIC CABLE CO., 181 Appleton St., Holyoke, Mass.—Leonard Pill & Associates, 1536 West 7th St., Los Angeles 17; Paramount Agencies,, P. O. Box 7051, Spokane, 18.

AMERICAN ELECTRIC FURNACE INC., 300 Freeport St., Boston 22, Mass.—J. Max Lee, 3607 J West Magnolia Blvd., Burbank, Calif.; Allied Northwest Machine Tool Corp., 103 S.W. Front Ave., Portland 4 and 1921 First Ave., South Seattle 4.

FRED D. BENZ COMPANY

Manufacturers' Representatives

SMITHCRAFT—FLUORESCENT LIGHTING FIXTURES
HYKON WIRE REELS
SAYLORDUCT LOOM
ELLIOTT CONDUIT FITTINGS
ACCURATE INSULATED WIRES
HERWIG—ORNAMENTAL & CHURCH LIGHTING
KIRKLAND—ANNUNCIATORS

444 Brannan Street — YUkon 2-4312 — San Francisco 7, Calif.

AMERICAN ELECTRIC MOTORS, INC., 2112 N. Chico, El Monte, Calif.—Burt C. Porter Co., 4310 Roosevelt Way, Seattle 5, Hude Sales Co., 3250 S. Dexter, Denver.

AMERICAN ELECTRIC SWITCH CO., Division, Clark Controller Co., 1146 East 152nd St., Cleveland 10, Ohio—The Clark Controller Co., 6035 East Olympic Blvd., Los Angeles 22.

AMERICAN ELECTRICAL HEATER CO., 6110 Cass Ave., Detroit, Mich.—O. Frederick Nats, 2018½ South Beverly Glen Blvd., Los Angeles 25.

AMERICAN ELECTRONIC MFG., INC., 9503 W. Jefferson Blvd., Culver City, Calif.—Branch offices Denver and Seattle.

AMERICAN ELECTRONICS, INC., 4811 E. Telegraph Road, Los Angeles, Calif.—General Sales Engineering, 4811 E. Telegraph Rd., Los Angeles 22; Burt C. Porter Co., 4310 Roosevelt Way, Seattle 5.

AMERICAN ENGINEERING CO., Aramingo Ave. and Cumberland St., Philadelphia, Pa.—F. E. Bennett Co. (Hoist), 426 N.W. 6th, Portland; Cordes Bros. (Marine), 34 Davis St., San Francisco and 1316B North Avalon Blvd., Wilmington, Calif.; Ditzen Eng. & Sales Co. (Pump), 5275 Claremont Ave., Oakland 9; A. H. Coates Co. (Hoist), 420 Market St., San Francisco; G. B. Saunders (Stoker), 3014 Market St., Seattle 7.

AMERICAN FLEXIBLE CONDUIT CO., 31 Scott St., New Bedford, Mass.—Thomas D. Noble Co., 210 12th St., San Francisco; Pacific Electro Sales Co., 140 S.E. 28th Ave., Portland.

AMERICAN FLEXIBLE COUPLING CO., 1803 Pittsburgh Ave., Erie, Pa.—Branch offices: W. G. Ballantyne West Coast supervisor, 1215 N.W. Everett St., Portland; Charles A. Fowler Co., 979 Bryant St., San Francisco; Nicholas A. D'Arcy, Jr., P. O. Box 447, Huntington Park, Calif.; Bearing Sales & Service, Inc., 2908 Sixth Ave., South, Seattle 4.

AMERICAN-FORT PITT SPRING DIV., Union Spring Mfg. Co., New Kensington, Pa.—Branch Offices: George E. Swett, 256 Mission St., and c/o Gil Moore & Co., 714 W. Olympic Blvd., Los Angeles; C. M. Lovsted & Co., 4000 W. Marginal Way, Seattle; R. Taylor, 1077 S. Main St., Salt Lake City.

AMERICAN GENERAL THERMOSTAT CORP., (See American Thermostat).

AMERICAN LAVA CORP., Cherokee Blvd. and Mfgr.'s Road, Chattanooga, Tenn.—Electrical Material Co., 5603 N. Huntington Dr., Los Angeles 32; Minnesota Mining & Mfg. Co., 320 Shaw Road, South San Francisco, Calif.

H. D. Easterbrook

1264 So. Boyle Ave.
Phone: ANgelus 9-9421
Los Angeles 23, Calif.

•

ALLEN-BRADLEY CO.
Milwaukee, Wisc.
Electric Motor Control

•

SORGEL ELECTRIC CO.
Milwaukee, Wisc.
Dry Type Transformers

AMERICAN MACHINE & METALS, INC. (De Bothezat Fans Div.), 48 Thomas St., East Moline, Ill.—Branch: 1201 Folsom St., San Francisco; Hubert Kaub, 1025 Santa Fe Dr., Denver.

AMERICAN METAL HOSE — See American Brass Co.

AMERICAN METAL MOULDING CO., 146 Coit St., Irvington, N. J. —O. W. Coombs Co., 1026 So. Olive St., Los Angeles, and 21 So. Park, San Francisco; A. S. Knight Co., 3006 Western Ave., Seattle; L. D. Hood Sales Agency, P.O. Box 7651, Lakewood, Colo.

AMERICAN MICROPHONE DIV., Elgin-Neomatic, Inc., 370 S. Fair Oaks Ave., Pasadena 1, Calif. — W. H. Connors Co., 375 Birch St., Denver; Burt C. Porter Co., 4310 Roosevelt Way, Seattle 5; Koessler Sales Co., 6907 Melrose Ave., Los Angeles 38.

AMERICAN PHENOLIC CORP., 1830 So. 54th Ave., Chicago 50, Ill.—Marshank Sales Co., 7422 Melrose Ave., Los Angeles 46; Ronald G. Bowen, 446 Broadway, Denver 3; Don H. Burcham Co., 519 N.W. 19th Ave., Portland 9; John Koys, Smith Towers Bldg., Seattle; G. B. Ellis, 3351 El Camino Real, Atherton, Calif. (for San Francisco).

AMERICAN PULLEY COMPANY, 4200 Wissahickon Ave., Philadelphia, Penna.—Henry F. Adams, 911 Western Ave., Seattle; G. P. Weishaar, 420 Market St., San Francisco; L. D. Christison, 1238 S. Atlantic Blvd., Los Angeles.

AMERICAN RELAY & CONTROLS, INC., (See OHMITE Mfg. Co.)

AMERICAN SCREW CO., 1662 W. Main, Willimantic, Conn.—Marwedel Company, San Francisco; C. J. Hendry Co., San Francisco; Howard Supply Co., Los Angeles.

AMERICAN SINTERED ALLOYS, INC., 8 Grassy Plain St., Bethel, Conn.—George S. Koch Associates, 420 Market, San Francisco.

AMERICAN STEEL & IRON WORKS, 5801 S. Lowe Ave., Chicago, Ill.—**West Pacific Sales Co.**, 1525 S. W. 6th Ave., Portland and 127 W. Mercer, Seattle; Electric Sales Corp., 211 Umatilla, Denver 9; John W. Reynolds, 1209 Main St., Salt Lake City; Frank Peck Specialty Co., Inc., 347 So. Clarence St., Los Angeles; R. A. Parker Co., 420 Market St., San Francisco.

AMERICAN STEEL & WIRE DIV., U. S. Steel Co., 822 Rockefeller Bldg., Cleveland, Ohio—**Columbia Geneva Steel Div. U.S. Steel Co.**, in following cities: Russ Bldg., San Francisco; 2087 E. Slauson Ave., Los Angeles; 2345 N.W. Nicolai St., Portland; 1331 Third Ave. Bldg., Seattle; Walker Bank Bldg., Salt Lake City 1.

AMERICAN STOCK GEAR CO., 152nd St. and Vincennes Ave., Harvey, Ill.—Marwood, Ltd., 357 9th St., San Francisco, 320 East Third St., Los Angeles, 1714 1st Ave. So., Seattle and 209 S.W. 1st Ave., Portland.

AMERICAN STRUCTURAL PRODUCTS—(See Hemingray.)

AMERICAN THERMOSTAT CORP., South Cario, New York—Montgomery Bros., 1122 Howard St., San Francisco; Los Angeles, Portland, Seattle.

AMERICAN TRUCK EQUIPMENT CO., Swan Island, Portland, Ore. —Fred C. Hall Co., 17 Cedar St., San Carlos, Calif.; Paul K. Haggard, 4431 N. 7th St., Tacoma, Wash.; Calavar Corp., 2700 South Broadway, Los Angeles; Truck Equipment Co., 3963 Walnut St., Denver; Williamson Body & Equipment Co., P. O. Box 1285, Pocatello, Idaho. (See ad, page 5.)

AMERICAN WARMING & VENTILATING CO., 1017 Summit, Toledo, Ohio—Norman S. Wright Co., 2279 Folsom St., San Francisco; Claude B. Smith Co., 200 Davis St., San Francisco.

AMERLINE, INC., 2727 West Chicago Ave., Chicago 22, Ill.—Frank Guziel, 1628 Ard Ecvin Ave., Glendale 2, Calif.; J. D. MacLaurin Sales, 1309 Jamaica St., Aurora, Colo.

AMINCO REFRIGERATION PRODUCTS CO., 1000 E. McNichols Rd., Detroit 3, Mich.—J. S. Cortines, 3093 Lake Hollywood Dr., Hollywood 28, Calif. 3834 S.E. Milwaukee Ave., Portland; Dick Hyde Co., 3250 Dexter St., Denver 22.

AMPERE WIRE & CABLE CORP., 436 W. 53rd St., New York City—Standard Wire & Cable Co., 3440 Overland Ave., Los Angeles, Calif.

AMPERITE CO., INC., 561 Broadway, New York City.—D. C. Wallace, 1206 Maple Ave., Los Angeles.

AMPEREX ELECTRONIC CORP., 230 Duffy Ave., Hicksville, Long Island, N. Y.—Conrad R. Strassner, 1865 N. Western Ave., Los Angeles; Richard R. Legg Co., 3834 S.E. Milwaukee Ave., Portland; Dick Hyde Co., 3250 Dexter St., Denver 22.

AMPEX CORP., Audio Division, 934 Charter St., Redwood City, Calif. —Dealers in all principal cities. —Listed in classified telephone directories.

AMPEX CORP., Instrumentation Division, 934 Charter St., Redwood City, Calif.—Ampex Corp., 160 Bush St., San Francisco; Graybar Electric Co., Inc., all principal cities. B. Crosby Enterprises, Inc., 9030 Sunset Blvd., Los Angeles.

AMPLEX CORP., 111 Water St., Brooklyn, N. Y.—Ray J. Noel, 4315 S. Western Ave., Los Angeles; Wm. Benndroff, P. O. Box 1926, Phoenix; Wm. Ashton Co., Rialto Bldg., San Francisco 5; L. S. Reed, 1018 Lawrence St., Denver 4; W. S. Sanderlin, 129-31 First Ave. W., Seattle 99; Stone-Hall, 3101 Walnut St., Denver.

AMPOWER PRODUCTS CO., P. O. Box 464, Oak Lawn, Illinois—Art Lewis Prod. Equipment Co., 422 W. Magnolia, Glendale, Calif.

ANACONDA WIRE & CABLE COMPANY, Executive and Sales Headquarters, 25 Broadway, New York 4; Manufacturing and Engineering Headquarters, Hastings-on-Hudson 6, New York. E. A. Casey, Hastings-on-Hudson 6, N. Y.; A. W. Tracy, District Manager, 807 Architects Bldg., Los Angeles 17; Frank B. Dickey, District Manager, 111 Sutter St., San Francisco 4; Albert Leader, Dist. Manager, 953 Stewart Building, Seattle 1; K. G. Eaton, District Manager, 706 Railway Exchange Building, Denver 2.

ANCHOR MANUFACTURING CO., Bedford Street, Manchester, N. H. —Robert R. Prussia, c/o Central Warehouse Co., 524 Second St., San Francisco 7; The Agencies Co., 836 Traction Ave., Los Angeles; Muth-Richards Co., 1804 Bush Place, Seattle 44; Chas. E. Klaus, 1004 S. E. Belmont, Portland; L. S. Reed & Co., 1018 Lawrence St., Denver; A. J. Elggren & Son Co., 428 South West Temple, Salt Lake City.

ANCHOR WEBBING CO., Pawtucket, R. I.—Western Fiberglas Supply, Ltd., 739 Bryant St., San Francisco, and 937 So. Grand Ave., Los Angeles.

ANCHOR WIRE CORP., 183 Jamaica Ave., Jamaica 3, N. Y. — Possner Co., 1223 Venice Blvd., Los Angeles; Wm. Belfer, 926 Howard St., San Francisco.

ANDALE COMPANY, 1604 Arch St., Philadelphia, Penna.—Oliver B. Lyman, 55 New Montgomery St., San Francisco.

ANDERSON MFG. COMPANY, Albert & J. M., 289 A St., Boston, Mass.—Industrial Eng. & Equip. Co., 417 So. Hill St.; Los Angeles; North Pacific Electric Agencies, 615 Lloyd Building, Seattle.

ANDERSON BRASS WORKS, INC., 700 44th St. North, Birmingham, Ala.—Waltham, DeWitt & Krusi, 632 Monadnock Bldg., San Francisco; Industrial Eng. & Equipment Co., 417 So. Hill, Los Angeles; Muth-Richards Co., 1804 Bush Place, Seattle; Clarence W. Silver Co., 550 W. 7th South St., Salt Lake City; Hamilton Associates, 1236 Elati St., Denver.

ANDREW CORPORATION, 363 E. 75th St., Chicago, Ill. — Andrew California Corp., 941 E. Maryland Ave., Claremont, Calif.

ANEMOSTAT CORP. OF AMERICA, 10 E. 39th St., New York City—Williams, Gritton & Wilde, 204 Dooly Bldg., Salt Lake City 1; Boyd Engineering Co. Inc., 112 Granite N.W., Albuquerque, N. M.; Carns, Hoaglund & Turner Co., 1600 West Jefferson, Phoenix, Ariz.; Hess, Greiner & Pollant, 1706 So. Main St., Los Angeles 15; Neil H. Peterson Co., 1129 Folsom St., San Francisco.

ANGELI MANUFACTURING CO., 1071 E. Monument Ave., Dayton 1, Ohio—Bert R. Finch, 1414 West 7th St., Los Angeles 17.

ANSONIA WIRE & CABLE CO., 68 Main St., Ansonia, Conn.—J. T. Hill Sales Co., 800 West 11th St., Los Angeles; W. G. Mills Co., 2101 N. Airport St., Spokane; J. E. Annable, 5710 Halls Lake Way, Lynnwood, Wash.; Ken Ryals Company, 461 Market St., San Francisco.

ANTENNEX CO., 4060 Ocean Park Ave., Venice, Calif. — James C. Pope, Jr., 1827 S. Hope St., Los Angeles 15.

ANTHONY CO., F. M., 2022 Oakland Ave., Piedmont 11, Calif.—Jim Shirreffs Co., 1105 S. LaBrea Ave., Los Angeles 19; John A. Ware and Associates, 301 W. "G" St., San Diego 1, P. O. Box 4216 Commerce Sta., Phoenix; Vancouver Welding Supply Co., 1511 Broadway, Vancouver, Wash.; Mine & Smelter Supply Co., 121 W. 2nd South St., Salt Lake City 1; Craig Welding Supply Co., 5670 Santa Fe Avenue, Los Angeles 58; H. C. Guire & Co., 715 S. York St., Denver 9; Phillips & Edward Electric Corp., 265 Vermont St., San Francisco 3.

APEX HOME APPLIANCES, Div. of Apex Electrical Mfg. Co., 1070 E. 152 St., Cleveland 10, Ohio—Branch Offices: J. C. Wogan, Jr., 710 E. Olive Ave., Burbank, Calif.; Bruce Benz, 8006 S.E. Reed College Place, Portland 2, Ore.; Sold through leading electrical distributors in all principal cities.

APPLEMAN ART GLASS WORKS, Bergenfield, New Jersey — See Electriglas Corp.

APPLETON ELECTRIC COMPANY, 1701 W. Wellington, Chicago 13, Ill.—Branch Offices: A. W. Rockwell, Pacific Coast Mgr., 655 Minna St., San Francisco; Elmer Aldridge, 100 N. Santa Fe Ave., Los Angeles; Leo N. Kepler, 6148 S.W. Alfred, Portland 19; R. J. Lidgate, 1216 Sixth Ave., South, Seattle; Jim Humphrey, 1203 S. Race, Denver 10; Maxwell E. Doan, 4457 "A" St., Sacramento; John S. Dunlap, 301 W. "G" St., San Diego.

APPLETON RUBBER COMPANY, 57 Cornwall St., Boston 30, Mass. —Robert R Prussia Co., c/o Central Warehouse, 524 Second St., San Francisco; George Kraft Co., 1501 N.W. Kearney St., Portland.

AQUAMATIC INC.—See listing under Automatic Pump.

ARCAIR CO., P. O. Box 4227, Bremerton, Wash.—ABSCo, Inc., 4600 W. Jefferson, Los Angeles; Calif. Welding and Equipment Co., 432 Bryant St., San Francisco; Arizona Weld. Equipment, 415 South Seventh, Phoenix; Industrial Specialties, 940 S.E. 7th Ave., Portland; Victor Equipment Co., 840 Folsom St., San Francisco and 3821 Santa Fe, Los Angeles; Heidt Equipment, 1600 E. 12th St., Oakland; General Distributing Co., 711 10th Ave., So., Great Falls, Mont.; Gibson Welding Supplies, East 218 Trent Ave., Spokane 8; Norco, 1522 River St., Boise, Ida.; Sierra Oxygen Co., 1500 E. 2nd St., Reno; Western Oxygen Co., 2447 6th Ave. So., Seattle 4; Whitmore Oxygen Co., 430 E So. Temple St., Salt Lake City.

ARCOS CORPORATION, 1500 S. 50th St., Philadelphia, Penna.—Branch Office: 123 S. Santa Fe Ave., Los Angeles 12; Industrial Supply Co., 1647 N. Second St., Albuquerque; Consolidated Welding Supply, 747 Grand Ave., Phoenix; General Distr. Co., 711 10th Ave. S.; Great Falls, Mont.; Bay Cities Welding Co., 2549 Lincoln Blvd., Venice, Calif.; Denver Oxygen Co., Denver; Western Oxygen Co., 24th & N. Santa Fe, Pueblo, Colo., and 1450 5th St., Denver; Whitmore Oxygen Co., Salt Lake City; Allan P. James Co., Inc., 420 Ninth St., San Francisco.

ARENS CONTROLS, INC., 2017 Greenleaf St., Evanston, Ill.—Chester Paul Co., 1605 Victory Blvd., Glendale, Calif.

ARIEL DAVIS MFG. CO., 3687 South State, Salt Lake City, Utah; Ariel Davis Supply Co., 110 Social Hall Ave., Salt Lake; Louis D. Black, 3305 Wilshire Blvd., Los Angeles 5; L. F. Church, 750 Natoma St. San Francisco; A. L. Perdue, 4305 Ravenwood Ave., Sacramento 21; Bruce-Emmett Co., 330 S.E. Alder, Portland.

ARK-LES SWITCH CORP., 51 Water St., Watertown, Mass.—Montgomery Brothers in following cities: 1122 Howard St., San Francisco; 2113 So. San Pedro, Los Angeles; 1652 N.W. Johnson St., Portland, and 911 Western Ave., Seattle 4.

ARLINGTON INDUSTRIES, INC., 79 Jefferson St., New York City 2 —J. M. Chapman Co., 290 9th St., San Francisco; Jim Shirreffs Co., 1105 S. La Brea, Los Angeles.

ARMATURE COIL EQUIPMENT, INC., 2605 Vega Ave., Cleveland, Ohio—Insulation and Wires, Inc., 1077 Howard St., San Francisco; 2240 E. Washington Blvd., Los Angeles; 525 North Tillamook, Portland.

ARMCO DRAINAGE & METAL PRODUCTS, INC., 7th and Parker Sts., Berkeley, and 6155 So. Malt Ave., Los Angeles.

ARMSTRONG-BRIDGEPORT DIV., The Capewell Mfg. Co., 60 Governort St., Hartford 2, Conn.—(See listing under Capewell).

ARMSTRONG PRODUCTS CORP., 1st St., & 7th Ave., Huntington, W. Va.—E. R. Palmtag Co., 975 Indiana St., San Francisco; 165 S. Central Ave., Los Angeles; Chas. M. Dillon, 1033 Bannock, Denver; J. H. Nicodemus & Son, 230 S. 4th W., Salt Lake City 1; Johnson-Sleight & Associates, 907 N.W. Irving St., Portland 9.

ARRO EXPANSION BOLT CO., No. Boone Ave., Marion, Ohio—M. E. Canfield Co., 419 E. Third St., Los Angeles 13; Regional Sales Co., 1719 Boulder, Denver; Tom G. Blunden, 1502 Olive Way, Seattle; Hodges and Glomb, 921 Bryant St., San Francisco.

ARROW CONDUIT & FITTINGS CORP., 129 30th St., Brooklyn 32, N. Y.—J. Wallach, 708 E. 6th St., Los Angeles.

ARROW-HART & HEGEMAN ELECTRIC CO., 103 Hawthorn St., Hartford, Conn.—Branch Offices: 405 E. 3rd St., Los Angeles, and 1345 Howard St., San Francisco.

ARROW LAMP MFG. CO., INC., 22 W. 19th St., New York City, N. Y.—Perry Oppenheimer, 6357 Colgate Ave., Los Angeles 48.

ARTCRAFT LIGHTING CO. INC., 248 McKibbin St., Brooklyn 6, N. Y.—James Mundstock, 320 Market St., San Francisco 11; M. Levin Co., 2438 S.W. 4th Ave., Portland; Gregg Cloos, 978 Garfield, Denver, Colo.

ARTISAN PRODUCTS, INC., 3490 W. 140th St., Cleveland 11, Ohio (Now Stahl Metal Products Inc.)

ARTISTIC LAMP MFG. CO., INC., 401 Fourth Ave., New York City 16—Roy D. Oplinger & Associates, 1355 Market St., San Francisco.

ART METAL CO., 1814 E. 40th St., Cleveland 4, Ohio—W. G. Gordon, 2216 1st Ave., Seattle 1.

ART SPECIALTY CO., 3245 Lake St., Chicago, Ill.—Sales Associates, 1111½ S. La Cienega, Los Angeles; State Elec. Supply, 241 10 Street, Oakland; S. F. Lighting Co., 1147 Howard St., San Francisco; Incandescent Supply Co., 833 E. 3rd, Los Angeles and 647 Mission St., San Francisco; Hollywood Elec. Supply Co., 6820 Romaine St., Los Angeles; Fox Lamp & Fixture Co., 820 N.W. Glisan, Portland.

ARVIN INDUSTRIES, INC., Big 4 R.R. & 13th St., Columbus, Ind. —Ira Lowe, 1723 S.W. 60th St., Portland; Cyril A. Klee, 540 S. State St., Oswego, Ore.; Elmer Jorgensen, 6418 Aldea Ave., Van Nuys, Calif.; Ray Spellman, 1367 Bellaire, San Mateo, Calif.; D. E. Sanford Co. Inc., 1049 S. Hill St., Los Angeles and 12th and Howard Sts., San Francisco.

ASCO SINTERING CO., 7791 Telegraph Rd., Los Angeles 22, Calif.

ASHEVILLE - SCHOONMAKER MICA CO., 900 Jefferson Ave., Newport News, Va. — Marwood Limited (in following cities), 357 Ninth St., San Francisco; 320 East Third St., Los Angeles; 1714 First Ave. So., Seattle 4; 209 South West First Ave., Portland.

ASPLUNDH CHIPPER CO., 505 York Road, Jenkintown, Penna.—Paul K. Haggard, 4431 N. 7th St., Tacoma, Wash.; Schetky Equipment Corp., 1810 S.E. 10th Ave., Portland 14; The Sawtooth Co., 1115 Grove St., Boise, Ida.; W. S. Rowland, 1413 N. Fairfax, Los Angeles; Machinery Sales Co., P. O. Box 315, Salt Lake City; Road Machinery & Supply, 16005 W. 6th., Phoenix, Ariz.; Frank E. Nelson, 1205 W. 6th St., Loveland, Colo.

ASSOCIATED LIGHTING SERVICE, P. O. Box 1033, Redwood City, Calif. (Westlite)—The A. R. Parker Co., 420 Market St., San Francisco; The Darger Co., 211 S. 2nd West St., Salt Lake City; Northern School Supply Co., 1505 N.W. Lovejoy St., Portland 9; Stage Sound & Equipment Co., 1500 S. Main St., Las Vegas, Nev.

ASSOCIATED MANUFACTURERS & DISTRIBUTORS CORP., Portland, Ore.—Jim Shirreffs Co., 1105 S. La Brea, Los Angeles.

ASSOCIATED PRODUCTS, INC., 20 S. Ontario St., Toledo, Ohio—A. R. Murphy Co., 228 Ninth St., San Francisco; A. O. Pipkin, P.O. Box 1, Albuquerque, N. M.; T. D. McGarry, 604 Utah Ave., Butte, Mont.

ASSOCIATED PROJECTS CO., INC., 157 Marconi Blvd., Columbus, Ohio—C. C. Bryant, 2424½ Cleveland Ave., Montebello, Calif.

ASSOCIATED RESEARCH, INC., 3758 W. Belmont Ave., Chicago 18, Ill. — California Instrument Co., 351 Tenth St., San Francisco; Brenner-Fiedler Associates 661 N. Spaulding Ave., Los Angeles 36.

ASTATIC CORP., 250 Harbor St., Conneaut, Ohio—Harry A. Lasure, 9041 W. Pico Blvd., Los Angeles; Wm. J. Purdy Co., 312 7th St., San Francisco; Dale G. Weber, 234 Sherlock Bldg., Portland; Ronald G. Bowen, 446 Broadway, Denver 3.

ASTRAL INDUSTRIES, Englewood, N. J.—Thompson & Holmes, 650 2nd St., San Francisco.

ASTRON CORP., 255 Grant Ave., East Newark, N. J.—(Industrial) Harry A. Lasure Co., 9041 W. Pico Blvd., Los Angeles; James J. Backer, 2321 Second Ave., Seattle 1. Jobbers: Logan Sales Co., 154 8th St., San Francisco; Peyser & Co., 1501 N. Weber St., Colorado Springs, Colo.

ATKOMATIC VALVE CO., INC., 539 W. Abbott St., Indianapolis 25, Ind.—Geraty Eng. Specialties, 380 Colusa Ave., Berkeley 7, Calif.; Herman E. Held, 147 10th St., San Francisco; Brenner-Fiedler & Assoc., 661 No. Spaulding Ave., Los Angeles 36.

ATLANTIC CONDUIT FITTINGS CO., 589 Atlantic Ave., Boston 10, Mass.—Wm. Weston & Co., 1301 47th Ave., San Francisco 22, Frank H. Bran, 607 E. Sixth St., Los Angeles.

ATLAS BRASS FOUNDRY, 1901 Santa Fe Ave., Los Angeles 21, Calif. — Bearing Specialty Co., 2424 Webster St., Oakland and 790 Brannan St., San Francisco; Industrial Specialties Co., 940 S. E. 7th Ave., Portland; Tinling & Powell, Inc., E. 706 Sprague Ave., Spokane; Colorado Ind. Supply Co., 1620 Waxee St., Denver; Motor Winders Supply Co., 2906 Grand Ave., Phoenix; Jack E. Davis & Co., 2410 1st Ave. South, Seattle, Wash.

AMERICAN TRUCK EQUIPMENT CO.
MANUFACTURERS
SWAN ISLAND • PORTLAND, OREGON

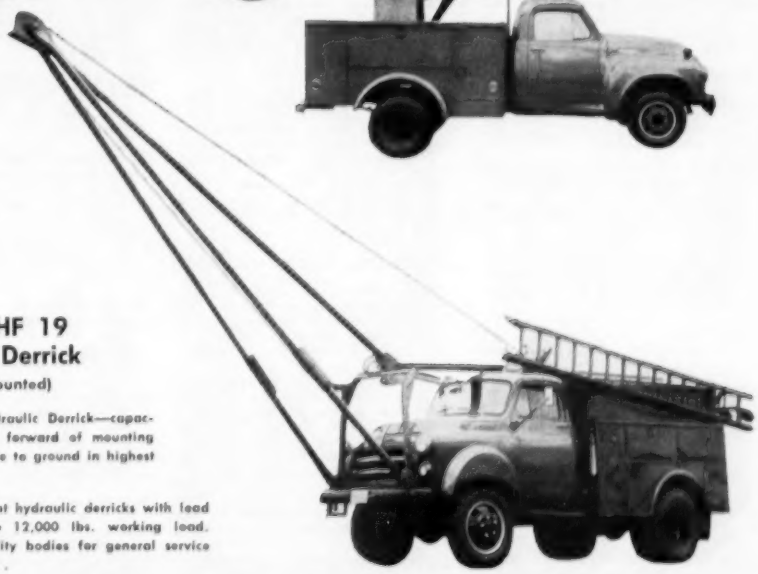
HYDRAULIC DERRICKS • ALL ELECTRIC HALL AERIAL LADDERS • UTILITY MAINTENANCE AND CONSTRUCTION BODIES AND HALL HYDRAULIC TWO-SPEED POLE JACKS

MODEL EL 18
All Electric Ladder

Specifications: Height of work platform to ground using average truck 37'6". Maximum test load in horizontal position fully extended 500 lbs. Rotation fully powered 360 degrees. Raising from Horizontal to 20 degrees off vertical—fully powered. Ladder has power and control in all positions—can swing, extend and raise or lower.

MODEL EM 14
Aerial Ladder

Specifications: Height of platform on average truck 28'. Maximum test load in Horizontal position fully extended 500 lbs. Rotation—hand operated worm reduction 360 degrees. Raising—powered from horizontal to 10 degrees off vertical. Extending—hand operated chain and sprocket. Upper section Fiber Glass. Lower section steel.



MODEL HF 19
Hydraulic Derrick
(Front Mounted)

Front Mount Hydraulic Derrick—capacity 6000 lbs. 4' forward of mounting points. 23' sheave to ground in highest position.

ALSO: Rear mount hydraulic derricks with load capacities up to 12,000 lbs. working load. Standardized utility bodies for general service and line work . . .

WRITE OR CALL FOR DESCRIPTIVE LITERATURE

AMERICAN TRUCK EQUIPMENT CO.
MANUFACTURERS
SWAN ISLAND • PORTLAND, OREGON

HYDRAULIC DERRICKS • ALL ELECTRIC HALL AERIAL LADDERS • UTILITY MAINTENANCE AND CONSTRUCTION BODIES AND HALL HYDRAULIC TWO-SPEED POLE JACKS

SAN CARLOS, CALIFORNIA — P. O. Box 518 — LYtel 3-6680
LOS ANGELES, CALIFORNIA — 2700 S. Broadway — RIchmond 8-6292
TACOMA, WASHINGTON — 4431 N. Seventh St. — PRactor 2437

BRENNER-FIEDLER & ASSOCIATES
661 No. Spaulding Ave.
Los Angeles 36, Calif.
WE 6-7128 WE 3-3811
Engineering Representatives
INSTRUMENTS
STRIP-CHART RECORDING
Esterline-Angus Co. Inc.
TEST INSTRUMENTS
Associated Research, Inc.
Insulation, Earth Resistivity
INDICATING INSTRUMENTS
STERLING Panel Meters
COLUMBIA Hook-on Volt-Ammeters AC & DC
CONTROLS
ATKOMATIC Solenoid Valves
BROOKE Smoke & Combustion Controls
"Confidence Through Service"

ATLAS ELECTRIC DEVICES CO., 361 W. Superior St., Chicago, Ill. —L. H. Butcher Co., in following cities—15th and Vermont St., San Francisco; 3628 E. Olympic Blvd., Los Angeles; 1504 N.W. Johnson St., Portland, and 1703 Sixth Ave. So., Seattle.

ATLAS ELECTRICAL SUPPLY, 523 E. 9th St., Los Angeles—Joe Blonder Agencies, 2617 N. E. 14th Ave., Portland 12.

ATLAS SAFETY EQUIPMENT CO., INC., 27 Warren St., New York City 7—Western Fire Equip. Co., 69 Main St., San Francisco; Hughey & Phillips, 326 N. La Cienega Blvd., Los Angeles; J. J. Lawton, 2517 11th Ave., Los Angeles 18.

ATWOOD & MORRILL CO., 48 Loring Ave., Salem, Mass.—Oliver B. Lyman Co., 55 New Montgomery St., San Francisco 5; Southport Eng. Co., 235 W. 32nd St., Los Angeles; Ray Smythe, 501 Park Bldg., Portland.

AULD CO., D. L., 5th Ave. and 5th St., Columbus, Ohio—North American Supply Co., 5670 Wilshire Blvd., Los Angeles.

AURAND MFG. & EQUIPMENT CO., 1210 Ellis St., Cincinnati, Ohio—Bay Cities & Industrial Supply Co., Transport Bldg., San Francisco; T. H. Pitt Co., 371 11th St., San Francisco.

AUTH ELECTRIC COMPANY, INC., 34-20 45th St., New York City, N. Y.—George A. Gray Co., 2720 17th St., San Francisco; J. G. Pomeroy Co., 1004 East 4th St., Los Angeles; Everett T. Vonier Co., 1140 Elati St., Denver; L. M. Baxter, 1220 S.W. Stark St., Portland and 1016 1st South St., Seattle 4.

AUTOMATIC CONTROL CO., 995 University Ave., St. Paul, Minn. —Campbell & George, 1601 Cortland Ave., San Francisco; Hundley Co., 3530 Fletcher Dr., Los Angeles; R. E. LeRiche, 422 Smith Tower, Seattle; Peterson Co., 4940 Colorado Blvd., Denver.

AUTOMATIC CONTROLS CORP., 2390 Winewood, Ann Arbor, Mich. —Earl E. Ecktrom, 2601 Second Ave., Seattle; Eric F. Chemnitz, 1355 Market St., San Francisco.

AUTOMATIC DEVICES, INC., 6107 Bartmer Ave., St. Louis 14, Mo.—Fred D. Bens Co., 444 Brannan St., San Francisco.

AUTOMATIC DEVICES CO., 2121 S. 12th St., Allentown, Penna.—O. B. Distributors, 1744 Santee St., Los Angeles.

AUTOMATIC ELECTRIC SALES CORP., 1033 West Van Buren St., Chicago, Ill. — Branch Offices: Automatic Electric Sales, 4415 W. Pico Blvd., Los Angeles 19; 55 New Montgomery St., San Francisco 5; 644 Central Bldg., Seattle; 2360 N.W. Quimby St., Portland 10.

AUTOMATIC ELECTRIC MFG. CO., 10 State St., Mankato, Minn. —R. B. Clapp Co., 314 Omar Ave., Los Angeles 13; The Ballard Co., 407 Sansome St., San Francisco; Jack E. Way Sales Co., 1601 Westlake Ave., Seattle; The Sales Company, 1624 No. First St., Albuquerque.

AUTOMATIC ELECTRIC HEATER CO., 860 Cross St., Pottstown, Penna.—(See Sepco Corp.)

AUTOMATIC MANUFACTURING CORP., 65 Gouverneur St., Newark 4, N. J.—Perimuth-Colman and Associates, 2419 South Grand Ave., Los Angeles 7 and same Co. Att.: Wm. Belfer, 926 Howard St., San Francisco.

AUTOMATIC MOTOR BASE CO., Windsor, N. J. — Marwood Limited, 357 9th St., San Francisco; 320 E. Third St., Los Angeles, 1714 1st Ave. So., Seattle and 209 S.W. 1st Ave., Portland.

AUTOMATIC PUMP & SOFTENER CORP., now Aquamatic Inc. Montgomery Bros., 1122 Howard St., San Francisco; 2113 So. San Pedro, Los Angeles; 1632 N.W. Johnson, Portland, and 911 Western Ave., Seattle.

AUTOMATIC & PRECISION MFG. CO., 252 Hawthorne Ave., Yonkers, New York — Kittleson Co., 416 N. La Brea Ave., Los Angeles, 2166 Market St., San Francisco, and 210 Cagua Dr., N. E., Albuquerque; H. D. Campbell, Inc., 501 Jones Building, Seattle; Fred A. Pease, P. O. Box 1566, Denver 1.

AUTOMATIC RADIO MFG. CO., INC., 122 Brookline St., Boston, Mass.—Perimuth Colman & Associates, 2419 So. Grand Ave., Los Angeles, and 926 Howard St., San Francisco; Porter Littell Sales Co., 1156 Bannock St., Denver.

AUTOMATIC SERVICE SUPPLY CO., 210 E. Baltimore, Detroit, Mich.—Electric Appliance Serv. Corp., 726 W. Venice Blvd., Los Angeles 15; 302 17th St., San Diego and 1434 Howard St., San Francisco; W. L. May Co., 215 N. W. Park Ave., Portland; Appliance Parts & Service, 216 Stewart St., Seattle and W. 609 Trent St., Spokane.

AUTOMATIC SIGNAL DIV., Eastern Industries, Inc., Regent St., Norwalk, Conn.—Econolite Corp., 8900 Ballance Ave., Los Angeles and 389 Clementina St., San Francisco.

AUTOMATIC SWITCH COMPANY, 391 Lakeside Ave., Orange, N. J. —Branch office: 923 E. 3rd St., Los Angeles 13, Paul S. Everley Co., 550 9th St., San Francisco; Clyde P. Elliott, 3014 So. Cherry St., Denver; Standard Electric Sales, 1731 1st Ave. So., Seattle, and Portland, Ore.; Steam Supply & Rubber Co., 123 Jackson St., Seattle; Harris Supply, 524 N.W. 14th Ave., Portland.

AUTOMATIC TEMPERATURE CONTROL CO., INC., 5212 Pulaski Ave., Philadelphia, Pa.—Pacific Scientific Co., 25 Stillman St., San Francisco; 1430 Grande Vista Ave., Los Angeles; 1915 1st Ave., Seattle 4 and Terminal Sales Bldg., Portland 5.

AUTOMATIC WASHER CO., 323 W. 3rd St., N., Newton, Iowa—Schwabacher Hdwe. Co., P. O. Box 3088, Seattle 14, Wash.; Arizona Mercantile Co., Central Ave. and Jackson, Phoenix; Northwestern Auto Supply, 422 N. Broadway, Billings; Western Supply Co., 357 W. 2nd St., Salt Lake City; Les Taufenbach, 816 W. 6th, Los Angeles, and 1355 Market St., San Francisco; C. R. Bower, 3370 West 38th Ave., Denver; Boyd Dist. Co. Inc., 306 E. Lead St., Albuquerque and 2209 Mill St., El Paso; Century Dist. Co., 308 8th Ave. San Diego and 1111 Front St., San Francisco; Gough Industries, Inc., 819 E. 1st St., Los Angeles; Schafer-Wright, Inc., 1253 N.W. 12th Ave., Portland; Goggans & Pennie, 514 Central Ave., Great Falls, Mont.

AUTOTRON COMPANY, 123 W. Main St., Danville, Ill.—Walter W. Corman, 7432 W. 80th St., Los Angeles 45.

B & M ELECTRIC CORP., 838 4th Ave., Brooklyn 13, N.Y.—L. H. Harriss, 383 Brannan St., San Francisco; Syd Jurin Co., 4853 Oakwood Ave., Los Angeles; Al Muir, 81 Yesler Way, Seattle 4.

B/W CONTROLLER CORP., 2200 East Maple, Birmingham, Mich.—Geraty Eng. Specialties, 380 Colusa Ave., Berkeley 7, Calif.; Charles E. Klaus, 1004 S.E. Belmont, Portland.

BABCOCK & WILCOX CO., 161 East 42nd St., New York City 17 —C. C. Moore & Co., Engineers 450 Mission St., San Francisco 5, Smith Tower, Seattle, 1111 Wilshire Blvd., Los Angeles 17, Failing Bldg., Portland 4, Stearns-Roger Mfg. Co., 660 Bannock St., Denver 4.

BAIER & ACKERMAN, Inc., 9 E. 40th St., New York 16, N. Y.—John Tubergen, 2232 W. 11th St., Los Angeles.

BAILEY METER CO., 1050 Ivanhoe Rd., Cleveland, Ohio—Branch Offices: V. A. Rumble, 424 Sharon Bldg., San Francisco; L. F. Richardson 816 S. Atlantic Blvd., Monterey Park, Calif.; A. L. Danielsen, 1506 Kearney St., Denver; K. E. Atwood, 200 Broadway, Seattle.

BAKELITE CO., a Division of Union Carbide Carbon Co., 30 East 42nd St., New York City 17—Branch Office, 2770 Leonis Blvd., Los Angeles 58.

BAKER-BARKON COMPANY, 1335 S. W. Morrison St., Portland, Ore.—R. E. Baum, Monadnock Bldg., San Francisco; Seattle Lighting Fixture Co., 222 Second Ave., Seattle.

BAKER-RAULANG CO., 1250 West 80th St., Cleveland, Ohio—Elder & Co., 390 7th St., San Francisco; W. T. Billard, Inc., 734 E. Third Ave., Los Angeles; Oregon Handling Equipment Co., 523 N. W. Glisan St., Portland; Riter Engineering Co., Kearns Bldg., Salt Lake City; J. B. Ambler, 602 Denver National Bldg., Denver.

BALDOR ELECTRIC CO., 4351 Duncan Ave., St. Louis, Mo.—E. P. Denham Co., 536 Polk St., San Francisco; E. P. Boreham Co., 1206 So. Maple Ave., Los Angeles; Dan J. Sweeney Co., 1119 Pike St., Seattle 2; H. C. Miller, 4550 Northeast Alberta, Portland; H. George Shefler Co., P.O. Box 1587, Phoenix; Austin Co., 5906 Bellaham Dr. Albuquerque.

BALDWIN - LIMA - HAMILTON, Philadelphia, Penna.—Branch Offices: Felton Water Wheel Co., J. F. Kirkland, 2929 Nineteenth St., San Francisco; and R. N. Conner, 600 St. Paul Ave., Los Angeles.

BARBER-COLMAN CO., 1300 Rock St., Rockford, Ill.—Branch Offices: 190 East Glenarm, Pasadena 2, Calif.; Merrill N. Musgrave & Co., 2019 Third Ave., Seattle 1; Reynold Meusdorffer, (Motors only) 8468 Melrose Place, Los Angeles 46; L. Bowen, 800 E. 14th St., Oakland 7, (Motors only); E. B. Bomar, 914 W. Madison, Phoenix; G. J. Yamas, 667 Howard St., San Francisco 5; Automatic Control Equip., 1925 Blake, Denver 4; Paul E. Benton Co., 1795 So. State St., Salt Lake City; Denver Fire Clay Co., Albuquerque, N. M., 1309 Texas St., El Paso; 225 W. South Temple St., Salt Lake and 2301 Blake St., Denver; Farnes & Martig, Inc., 5741 N.E. Glisan, Portland 13; Jensen Instrument Co., 420 Market St., San Francisco 11; The Instrument Laboratories, Box 4098 Interbay Sta., Seattle 99; Air Equipment Co., P. O. Box 6156, Albuquerque.

BARBER-GREENE CO., 400 N. Highland, Aurora, Ill. — Branch Office; 318 South "B" St., San Mateo, Calif., (E. L. Benson, Area Sales Mgr.) San Mateo; Brown-Bevis Equipment Co., 6550 E. Washington Blvd., Los Angeles; Columbia Equipment Co., Portland, Seattle, Spokane and Boise; Sierra Machinery Co., 307 Morrill Ave., Reno; Kinball Equip. Co., 222 W. 17th St. South, Salt Lake City; Engineering Sales, Service, Inc., 410 Capitol Blvd., Boise; Coast Equipment Co., 444 Eighth St., San Francisco 1.

BARCO MFG. CO., 1801 W. Winnemac Ave., Chicago 40, Ill.—Crane Company, San Francisco, Los Angeles, Seattle, Portland, Spokane and Tacoma. The Fornaciari Co., Los Angeles.

BARCALO MFG. CO., 225 Louisiana St., Buffalo, N. Y.—George Peters, 1709 W. 8th St., Los Angeles, Calif.; Harry Henkel, 439 Ellis St., San Francisco; Don Smith, Rear 729 Broadway, Denver, Colo.

BARDCO MFG. & SALES CO., 2450 E. 23rd St., Los Angeles.

BARKELEW ELECTRIC MFG. CO., 1905 Columbia Ave., Middletown, Ohio — Electrical Specialty Co., in following cities: 316 11th St., San Francisco; 2406 First Ave., Seattle; and 1101 Stout St., Denver. Angus-Campbell, Inc., 449 So. San Pedro St., Los Angeles 13.

BARKOW MFG. CO., A. G., Milwaukee, Wis.—Paul R. Prietsch, 1355 Market St., San Francisco.

BARKSDALE VALVES, 5125 Alcoa Avenue, Los Angeles, Calif.; Branch office: 131 Fir Ave., San Francisco; Cone & Wallace Co., 650 W. Vermont Ave., Phoenix; Industrial Materials, Inc., 2855 Walnut St., Denver; Standard Iron Supply, San Diego; Robert Taylor & Sons, 1077 S. Main St., Salt Lake City; Technical Service Co., 730 Haines N.W., Albuquerque; D. L. Snellman Co., 113 King St., Seattle.

BARLOW & SEELIG MFG. CO., Ripon, Wis.—(See Speed Queen.)

BAR-MOTIVE PRODUCTS, INC., 440 Peralta, San Leandro, Calif.

BARRY CONTROLS, INCORPORATED., 700 Pleasant St., Watertown 72, Mass.—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles; 16 Renalto Court, Redwood City, Calif.; 909 N. First St., Phoenix; Ron Merritt, 120 W. Thomas St., Seattle.

BARTH EQUIPT. & MFG. CO., Milldale, Conn.—Tubergen Agencies, 2232 W. 11th St., Los Angeles 6.

BARTLETT MANUFACTURING CO., 3003 E. Grand Blvd., Detroit, Mich.—George E. Honn, 420 Market St., San Francisco; T. A. Ford, 320 So. San Marino, San Gabriel; Metal Cutting Shears—Hughson & Merton, 1279 Bush St., San Francisco, 3209 Glendale Blvd., Los Angeles, 901-B Elliott Ave. West, Seattle, and 509 Beason Bldg., Salt Lake City. (See ad page 7.)

BART-MESSING CORP., 229 Main St., Bellevielle, N. J.—Paramount Mfg. Co., Mills Bldg., San Francisco; Pacific Industries, 1117 S. Robertson Blvd., Los Angeles 35.

THE BARTON CORPORATION, West Bend, Wis.—U. S. Grant Supply Co., 1340 East 6th St., Los Angeles; O. B. Wilt Co., 1355 Market St., San Francisco; Frank M. Siegmund Co., 823 North 21st Ave., Phoenix; Carlos W. Stone Co., 230 South 4th St., West, Salt Lake City.

BASHLIN COMPANY, W. M., W. Pine Street, Grove City, Penna. —Guardian Safety Equipment Co., 7223 So. Main St., Los Angeles; Sanderson Safety Supply Co., 1423 S. E. Hawthorne Blvd., Portland; Universal Safety & Fire Equip. Co., Inc., 727 So. West Temple, Salt Lake City; M. B. Houghton Co., 2020 Grand Ave., Phoenix; Tucson Electric Supply Co., 523 E. Tenth St., Tucson; H. C. Guire & Co., 715 S. York, Denver 9; Tool Sale & Rental Service, 222 N. 4th St., Las Vegas, Nev.; Pole-Line Distributing Co., 405 West 13th South, Salt Lake City; Western Hardware & Tool Co., 122 Tenth St., San Francisco.

BASIC PRODUCTS CORP., 215 Lincoln Way West, Mishawaka, Ind. —Baker & Hamilton, 700 West 7th St., San Francisco.

BASLER ELECTRIC CO., 1355 Westwood Blvd., Los Angeles.

BATAVIA METAL PRODUCTS CORP., 1252 Liberty St., Batavia, N. Y.—American Equipment & Body Co., 2315 East 4th St., Los Angeles; Nelson Truck Equip. Co., Inc., 128 Westlake No., Seattle; United Transportation Equip Co., 752 Chestnut St., Redwood City, Calif.; Fred C. Hall Co., 17 Cedar St., San Carlos, Calif.; Novelty Carriage Co., West 815 2nd Ave., Spokane; Timpte Bros. Inc., E. 40th at York, Denver 5; Winter-Weiss Co., Blake St., Denver.

BATH CO. INC., JOHN, 16 Grafton St., Worcester 8, Mass.—J. C. Fletcher, 1415 Folsom St., San Francisco.

BAUER MFG. CORP., 3121 West El Segundo, Hawthorne, Calif.—Branch office, San Francisco.

BAXCO CORP., 541 Pittock Block, Portland 5, Ore.

BAXTER CO., J. H., 120 Montgomery St., San Francisco 4, Calif.—Branch offices: Portland, 541 Pittock Block; Engene, Ore., P. O. Box 7521; Seattle, Wash., 7400 8th Ave. So.; and Los Angeles, Calif., 3450 Wilshire Blvd.

BAYLEY BLOWER CO., 1817 S. 66th St., Milwaukee, Wis.—Hess Greiner and Polland, 1706 S. Main St., Los Angeles 15; Don A. Hewitt, 1077 Cragmont, Berkeley 8, Calif.

BAYMONT COMPANY, 2566 Bay Road, Redwood City, Calif.

BEAVER PIPE TOOLS, INC., 310 Dana St., N.E., Warren Ohio—David Howe, 2578 West St., Oakland 12, Calif; E. F. Obear, 940 W. Florence Ave., Inglewood 1, Calif.

BECKER BROTHERS CARBON CO., 3450 S. Laramie Ave., Cicero 50, Ill.—Electrical Specialty Co., 158 11th St., San Francisco; 418 E. Third St., Los Angeles; 2408 First Ave. So., Seattle 4 and 1101 Stout St., Denver 2; Coastal States Elec. & Equip. Co., 112 Market St., San Francisco.

BECKETT - HARCUM CO., 1140 Wayne Road, Wilmington, Ohio—The Rucker Co., 4228 Hollis St., Oakland, Calif.; The Burklyn Co., 3429 Glendale Blvd., Los Angeles.

BECKMAN INSTRUMENTS, INC., 2500 Fullerton Road, Fullerton, Calif.—P. E. Paules, 3871 Piedmont Ave., Oakland, Calif.; Brenner-Fieldler & Associates, 661 N. Spaulding Ave., Los Angeles.

BEDE PRODUCTS CORP., Jackson St., Amherst, Ohio—Currior Co., 710 73rd Ave., Oakland 4, Calif.

BEEDE ELECTRICAL INSTRUMENT CO., INC., W. Canal St., Penacock, New Hampshire—Rudy Ferda, P. O. Box 421, Pasadena, Calif.; P. J. Burrill, 2131 Washington Ave., San Leandro, Calif.; Allen I. Williams, 124 W. 12th Ave., Denver 4.

BEGAN, M., CO., 464 Bryant St., San Francisco, Calif.

BELDEN MFG. COMPANY, 4647 W. Van Buren St., Chicago 44, Ill.—J. Reed, 13465 Margate, Van Nuys, Calif.; Harold W. Hofman, (Dist. Mgr.) Box 2922, Terminal Annex, Los Angeles; R. E. Greenwood, 1813 Lorene Ave., Whittier, Calif.; Sam Abernethy, Box 157, Mercer Island, Wash. Sold by Tri-State Supply Corp., 554 Bryant St., San Francisco, Calif.; 544 S. San Pedro, Los Angeles, Calif.; 318 Occidental Avenue, Seattle, Wash.

BELL ELECTRIC COMPANY, 1844-50 W. 21st St., Chicago, Ill. J. H. Kay, 10531 S. Julius Ave., Downey, Calif.; A. J. Nelson Co., P. O. Box 5502, Denver; Neil Winikoff, 7554 44th N.E., Seattle.

BELL & GOSSETT CO., 8200 N. Austin Ave., Morton Grove, Ill.—L. J. Harrington, 1971 N. W. Lovejoy, Portland 8; Norman Brown, 765 Minna St., San Francisco 3; DeWitt Clark, 553 S. Figueroa St., Los Angeles.

BELL SOUND SYSTEMS, INC., 555 Marion Road, Columbus, Ohio —H. A. Lasure Co., 9041 W. Pico Blvd., Los Angeles; Dale G. Weber, 234 Sherlock Bldg., Portland; Gordon G. Moss, 1530 13th Ave., Greeley, Colo.; Bill Kolans & Co., 101 San Felipe Avenue, South San Francisco.

BELSON MFG. CO., 210 S. Clinton, Chicago, Ill.—Wm. Benndorf Co., 401 West Jackson St., Phoenix, Arizona.

BENBOW MANUFACTURING CO., 1285 Rollins Rd., Burlingame, Calif. —Equipment Supply Co., 16 Post Office Place, Salt Lake City 1; J. C. Fennelly & Co., San Francisco and Los Angeles; Lindsay Bros., 1504 N. W. Johnson St., Portland; J. W. Watkins, 551 Skinner Bldg., Seattle; Wismer & Becker, 1731 "S" St., Sacramento, Calif.

BENDIX HOME APPLIANCES, INC., (Washer-Dryer) 3300 W. Sample St., South Bend, Ind.—California Electric Supply Co., 1585 Folsom St., San Francisco; Harper-Meggee, Inc., in following cities: 1506 N.W. Irving, Portland; 960 Republican St., Seattle; 734 Division St., Spokane 8; Electrical Equipment Co., First Ave. at Madison, Phoenix; Flint Distributing Co., 816 W. 2nd South St., Salt Lake City; Taylor Distributing Co., 4148 First Ave., S., Billings, Mont.; Larson Dist. Co., 550 Lincoln St., Denver.

BENDIX TELEVISION & BROADCAST RECEIVER DIV., East Joppa Road, Towson, Md.—Ward Schafer & Associates, 800 S. Bayshore Dr., San Mateo, Calif.; R. W. Brogan Company, 306 Enterprise Bldg., Denver; Chic Myers Distributing Co., 1518 East Van Buren, Phoenix; Pioneer Appliance Co., Inc., Michigan and Alameda Sts., San Francisco 7; Western Equipment Co., 2013 S. Broadway, Denver 10; John R. Woods Co., 230 S. Fourth West, Salt Lake City; Falls Supply Co. Inc., 209 Second St., South, Great Falls, Mont.

BARTLETT

Tree Trimming Tools

SPECIAL UTILITY SAWS

Two fast cutting saws with lightning teeth make smooth cuts. Easily filed without gauges. 2 patterns, 24" and 26".

No. 124B—24" with "D" handle.
No. 114B—26" with horn handle.

WE Combination Pruner and Saw

With octagon Sitka spruce poles. Either head shown may be used with the same handle section. Several intermediate lengths can be added if desired.

Bartlett Compound Lever Metal Cutting Shears

For use in both hands or as bench shears when held in vise, cut 14 ga. mild steel. Write for Catalog.

No. 19

Also Bartlett Tree Paint

BARTLETT MFG. CO.

3053 East Grand Blvd., Detroit 2, Mich.

BEN-HUR MFG. CO., 634 E. Keefe Ave., Milwaukee, Wis.—Marvin L. Dahl, 5311 Cochin Ave., Arcadia, Calif.; Joseph C. Platt, 111 Bell St., Seattle.

BENJAMIN ELECTRIC MFG. CO., DesPlains, Ill. — Branch offices: 829 Folsom St., San Francisco 7, O. C. Westburg, Manager, Pacific Coast Division, District Representatives: J. E. Keyes, District Manager; H. F. Christensen, C. O. Martin, San Francisco. G. A. Hochenauer, District Manager; J. Kersbergen, 923 E. Third St., Los Angeles; R. S. Bergman, 2312 Farkwood Drive, Sacramento 21; D. Moore, 4408 S.E. 113th St., Portland, Ore.; H. R. Huber, District Manager, 3018 45th Ave., S.W., Seattle; L. M. Slusser, 318 Dooley Block, Salt Lake City; The James H. Blinn Co., 1140 Spear Blvd., Denver 4.

BENJAMIN REEL PRODUCTS, INC., 10700 Broadway, Cleveland 25, Ohio—Parrish & Sloan Co., 1341 South Hope St., Los Angeles; Denham Sales Service, 538 Polk St., San Francisco; Dan J. Sweeney Co., 1119 Pike St., at Minor, Seattle.

BENNETT CORP., 1028 Geary St., San Francisco.

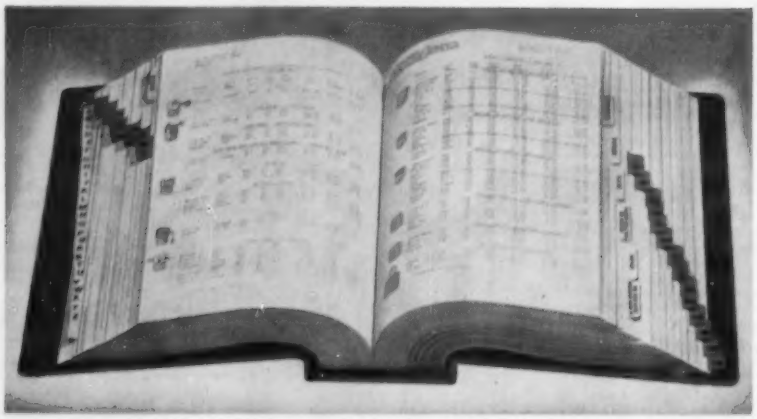
BENTLEY - HARRIS MFG. CO., Conshohocken, Pa. — Western Fiberglas Supply Co., 739 Bryant St., San Francisco; 3049 E. 12th St., Los Angeles; 473 "G" St., Chula Vista, Calif.; 1915 First Ave., Seattle.

BERGER CORP., J. E. Whirlwind Div., 4550 Maybury Grand Ave., Detroit, Mich.—Smallcomb Electric Co., 1120 S. Main St., Los Angeles.

BERKO ELECTRIC MFG. CORP., 212-40 Jamaica Ave., Queens Village, L. I., N. Y.—Western States Representative—J. B. Ingebritson, 111 Argyle Place, P. O. Box 744, Seattle 11. Distributors: Peerless Electric & Supply, Seattle; Home Electric Co., Tacoma; Inland Electric Co., Spokane; Afton-Lemp Elec., Boise; Vitus Electric, Eugene, Ore.; Portland Elec. & Plumbing Co., Portland 5; Monitor Distributors, Butte; Glacier State Electric Supply, Billings and Great Falls; Hub Electric, Missoula, Mont.; Hi-Line Electric, Wolf Point, Mont.; United Electric Supply, Salt Lake City; Ryall Electric, Denver; Pueblo Electric Supply, Pueblo; State Electric Supply, Albuquerque; Tucson Electric Supply, Tucson; Phoenix Electric Supply, Phoenix; Kitchen Electric Supply Co., Reno; Coast Electric, San Diego; California Wholesale Electric, Los Angeles; Stusser Electric, Seattle; Elliot Schmidt Electric Supply, Denver; Lorenz Electric, Klamath Falls and Van Horne Electric Supply Ltd., Vancouver, B. C.

BERKSHIRE ELECTRIC CABLE CO., Leeds, Mass. — R. G. Corbaley, 101 Vine St., San Carlos, Calif.

BERNS MANUFACTURING CORP., 3050 North Rockwell St., Chicago, Ill.—M. Levin, 2331 S.W. First St., Portland; Walter E. Wallace Co., 445 Bryant St., San Francisco; Roth Sales, 630 Jasmine St., Denver.



Here's the easy way to do pricing

Biddle's Electrical Price Books

Since 1929 the electrical industry in the West has been using BIDDLE'S Books. They are recognized by many as an authority for establishing the fair value of electrical construction material.

They are most complete! They cover almost any item used on a job.

And they are tailor-made for each area. There is a size and type for every business . . . retailer or wholesaler . . . large or small.

Write for FREE Brochure

BIDDLE TRADE PUBLISHING CO.
2720 BEVERLY BLVD.
LOS ANGELES 57, CALIFORNIA

BERSTED MFG. CO.—McGraw Electric Subsidiary—Fostoria, Ohio—Albert Groeschel, 1355 Market St., San Francisco.

BETHEA CO., INC., Box 1407, Birmingham, Ala.—F. E. Pope, West Coast Representative—Box 249, Burlingame, Calif.

BETHLEHEM PACIFIC COAST STEEL CORP., 20th and Illinois, San Francisco, Calif.—S. S. Cort, V.P., Sales, Bethlehem Pac. Coast Steel. Sales offices: San Francisco; Los Angeles, Seattle, Portland and Spokane.

BIDDLE CO., JAMES G., 1316 Arch St., Philadelphia, Pa.—General Electric Supply, Westinghouse Electric Supply and Graybar Electric Co., Inc., in all principal cities; Nourse Equipment Co., 1465 4th St., Berkeley 10, Calif.; Edward S. Sievers, 1662 Hillhurst Ave., Los Angeles, Calif.

BIDDLE TRADE PUBLISHING CO., 2720 Beverly Blvd., Los Angeles 57, Calif.—Sales representatives: S. V. Weimer, 604 California Theatre Bldg., San Diego 1; Wm. A. Cyr, Room 423, 68 Post St., San Francisco 4; A. T. Hutchinson, 1953 Eleventh Ave. West, Seattle 99. (See ad page 8.)

BIGGS CO., Carl H., 2255 Barry Ave., Los Angeles 64, Calif.

BIGNALL & KEELER DIV., John Raming Machine Co., 4591 McRee Ave., St. Louis, Mo.—W. F. Obear & Son, 6075 So. Normandie, Los Angeles 44; Perine Machinery & Supply Co., 1921 First Ave., So., Seattle; Allied Northwest Machine Tool Corp., 103 S. W. Front St., Portland.

BILLMYRE BLOWER (See Lamson Corp.)

BIN-DICATOR CO., 13946 Kercheval Ave., Detroit 15, Mich. — George L. Edmondson, 1455 Custer Ave., San Francisco 24; C. H. Spencer Co., 210 W. 33rd So., Salt Lake City 10.

BINGHAMTON FLEXIBLE SHAFT DIV., SWARTZ & WHITE MFG. CO., 486 Chenango, Binghamton, New York—A. J. Glessener Co., 975 Bryant St., San Francisco; Hickinbotham Bros. Ltd., 536 S. Aurora St., Stockton, Calif; Pacific Hdwe. & Steel Co., Inc., 1244 The Alameda, San Jose, Calif.

BIRD ELECTRONIC CORP., 1800 East 38th St., Cleveland, Ohio—Ron Merritt Co., 120 West Thomas St., Seattle; Van Groos Company, 14515 Dickens, Sherman Oaks, Calif.

BIRDSELL MFG. CO. INC., 750 San Antonio Road, Palo Alto, Calif.—Robert B. Yettick, Dist. Sales Mgr., Seattle, Wash.

BIRNBACH RADIO CO., INC., 145 Hudson St., New York City, N. Y. — E. L. Berman Co., 780 Natoma St., San Francisco; Al J. Riasi, 2724 So. Peck Road, Monrovia, Calif.; Wm. R. Lanphean Co., 8329 N. E. 30th, Bellevue, Wash.

BIRTMAN ELECTRIC CO. (Rock Island Div.), 4140 W. Fullerton Ave., Chicago, Ill.—H. H. Hobelmann & Co., 225 Kansas St., San Francisco.

BISHOP MANUFACTURING CORP., 10 Canfield Road, Cedar Grove, N. J.—W. E. Wallace, 445 Bryant St., San Francisco 7; W. D. Howze Company, 5603 N. Figueroa St., Los Angeles 42, Calif.; W. G. Mills Co., Inc., 2101 N. Airport St., Spokane 6, Wash.

BLACK & DECKER MFG. CO., Towson 4, Md.—Branch offices: 1010 Bannock St., Denver 4; 2432 So. Broadway, Los Angeles 7; 4343 Third St., San Francisco 24; 434 8th Ave., N. Seattle; 1640 N.W. Johnson St., Portland 9; 990 S. Main St., Salt Lake City 1.

BLACK & WEBSTER, INC., 445 Watertown St., Newton, Mass.—Arthur R. Hessell, 10920 Gard Ave., Norwalk, Calif.; Moore Machinery Co., 656 Stockton St., San Jose 26, Calif.

BLACKBURN CORP., JASPER, 35 Madison St., St. Louis, Mo.—Roy Peck Associates, 103 N. Santa Anita, Arcadia, Calif.; (Ground rods only) — Kortick Mfg. Co., 5600 Third St., San Francisco. Outlets: General Electric Supply Corp., in all cities for all items excepting ground rods. (See ads pages 10 and 70.)

BLACKHAWK INDUSTRIES, 250 S. Main, Dubuque, Iowa—Pacific Electro Sales Co., 140 S. E. 28th Ave., Portland 15, Ore.; Ernest F. Hauck, 1282 Folsom St., San Francisco; G. J. Pomeroy, 1004 E. 14th St., Los Angeles 13; A. J. Nelson Co., P. O. Box 5562, Denver 17.

BLACKHAWK MFG. CO., 5375 W. Rogers St., Milwaukee, Wis.—Art Comerford, West Coast District Mgr., 34 Van Tassel Lane, Orinda, California (S. F. area); Frank English, 4441 Juno Way, Sacramento, Calif.; Robert C. Heston, 607 N. 50th St., Seattle, Wash.; Bernie Robertson, 508 N. Vermont Ave., Glendora, Calif.; J. H. Weatherly & Associates, 130 West 12th Ave., Denver 4, Colo.

BLACKSTONE CORPORATION, 1088 Allen St. Ext., Jamestown, N. Y.—H. E. Caygill Co., 409 E. Second St., Los Angeles; Appliance Service Center, 714 S. Central Ave., Phoenix; Century Distributing Co., 1335 S. Grand Avenue, Los Angeles; Day-York Distributors, Inc., 2182 N. Lewis Ave., Portland 12; K-V Distr. Co., 2308 15th St., Denver; S. R. Ross, Inc., P. O. Box 1055, Salt Lake City; Thompson & Holmes, Ltd., 650 Second St., San Francisco.

BLACO MFG. CO. (formerly Blackburn Specialty Co.), 6541 Euclid Ave., Cleveland 3, Ohio—Gordon G. Moss, 1530 13th Ave., Greeley, Colo.; Ray Johnston Co., 1109 Evanston Ave., Seattle 33; C. H. Mitchell, 256 S. La Peer Drive, Beverly Hills, Calif.

BLAKEMAN BROS. ELECTRICAL MFG. CO., 5859 Compton Ave., Los Angeles 1, Calif. — Pacific Electric Sales Co., 140 S. E. 28th Ave., Portland 15; Fred M. Nicholas Co., 714 Harrison St., San Francisco 7.

BLAW KNOX CO., P. O. Box 1198, Pittsburgh 30, Pa.—Brodhead Steel Products Co., 17th Ave. and Wisconsin St., San Francisco 10; W. G. Ballantyne Co., 1215 Northwest Everett St., Portland, Ore.; Wm. Z. Harrison Co., 436 Atlas Bldg., Salt Lake City; S. F. Patterson Co., 1717 West Austin St., Seattle; Bogart Company, 6010 S. Normandie Ave., Los Angeles; J. M. Moore, 703 U. S. National Bank Bldg., Denver.

BLILEY ELECTRIC CO., Union Station Building, Erie, Pa.—Herb Becker, 1140 Crenshaw Blvd., Los Angeles; Dave M. Lee Co., 2517 Second Ave., Seattle 1.

BLOXHAM ENGINEERING, INC., 2610 9th St., Berkeley, Calif.

BLUE ELECTRIC CO., 138th and Chatham St., Blue Island, Ill.—Pacific Combustion Eng. Co., 1753 Workman St., Los Angeles; Harshaw Scientific, 3237 S. Garfield Ave., Los Angeles; Mine & Smelter Supply, 1422 17th St., Denver; Denver Fire Clay, P. O. Box 5510, Denver; Pacific Scientific Co., 25 Stillman St., San Francisco; Wasatch Chemical Co., 2225 South Fifth East, Salt Lake City 6.

BODENIECK TOOL CO., 325 East Main St., Taylorville, Ill.—A. J. Elggren & Sons, 428 S.W. Temple St., Salt Lake City, Saguaro Sales Associates, 4656 N. Central, Phoenix; H. M. Denny, 1016 First Ave. S., Seattle; John H. Ormond, 2519 Seventh Ave., Oakland, Calif.

BODINE ELECTRIC CO., 2254 W. Ohio St., Chicago 12, Ill.—H. M. Hall, 406 South Main, Los Angeles 13; J. F. Cady, 995 Market St., San Francisco 3.

BOGEN CO., DAVID, 29 Ninth Avenue, New York City—E. L. Berman Co., 780 Natoma St., San Francisco; Marshank Sales Co., 7422 Melrose Ave., Los Angeles 46; Northwestern Agencies, Inc., 4130 First Ave. So., Seattle 4; Peyser & Co., 1501 N. Weber St., Colorado Springs, Colo.

BOGUE ELECTRIC MFG. CO., 52 Iowa Ave., Paterson 3, N. J.—W. J. Hopkins, 934 N. Naomi St., Burbank, Calif.

BOONTON RADIO CORP., Intervale Road, Boonton, N. J.—Neely Enterprises, 2830 Geary Blvd., San Francisco; 107 Washington St., S.E. Albuquerque, 1317 15th St., Sacramento, Calif., 1029 Rosecrans St., San Diego, Calif.; 641 E. Missouri Ave., Phoenix; and 3939 Lankershim Blvd., North Hollywood, Calif.

BOOTH CO., ARTHUR E., 265 S. Alexandria Ave., Los Angeles 4, Calif.; James L. Kearns Co., 6055 N.E. Glisan, Portland 13.

BORTHIG CO. INC., GEORGE C., Highway 20, East Rutherford, N. J.—Samuel Siegel Co., 1133 S. La Cienega Blvd., Los Angeles 35; C. E. Riggs, Inc., 317 N.W. Broadway, Portland, Ore.

Anaconda Wire & Cable Company

Mathias Klein & Sons

A. B. Chance Company

Hubbard and Company

Locke Department General Electric Company

Jasper Blackburn Corporation

Leach Company, Manufacturers

Orangeburg Manufacturing Co., Inc.

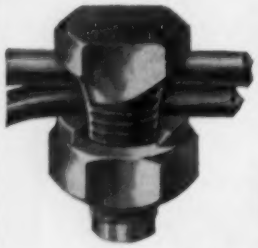
FAMOUS NAMES... famous brands that stand for the finest!

These are but a few of the famous name brands carried by G-E Supply's Outside Construction Materials Department. They assure you of the finest materials obtainable—of materials in which both the maker and the supplier take a real and lasting pride. In short, they are representative of the high standards insisted upon by G-E Supply to maintain the integrity of its own famous name.

GENERAL ELECTRIC SUPPLY COMPANY

A DIVISION OF GENERAL ELECTRIC DISTRIBUTING CORPORATION

SAN FRANCISCO • OAKLAND • SACRAMENTO • STOCKTON • FRESNO • LOS ANGELES • SAN BERNARDINO • LONG BEACH
SAN DIEGO • BAKERSFIELD • PHOENIX • TUCSON • SEATTLE • PORTLAND • MEDFORD • TACOMA • SPOKANE



BLACKBURN
Hi-Strength
CONNECTORS

SOLD THROUGH

General Electric Supply Corporation in California, Oregon, and Washington. Any Electrical Wholesaler in other states. Agent for Southern California, Roy Peck Associates, 103 No. Santa Anita, Arcadia, California

JASPER BLACKBURN CORP.
St. Louis 6, Mo.

WALTHAM, DeWITT & KRUSI
MANUFACTURERS' REPRESENTATIVES

REPRESENTING ☆

MALLEABLE IRON FITTINGS CO.
Thru Bolt Guying Fittings, Guy Clamps, Cross Arm Gains, etc.

ANDERSON BRASS WORKS
Tap Lugs, Ground Clamps, Aluminum Terminal Boxes, Bus Fittings bronze and aluminum, Aluminum Suspension and Dead Clamps, Aluminum parallel groove Clamps for aluminum to aluminum and aluminum to copper connections.

630-632 MONADNOCK BLDG.
SAN FRANCISCO 5
PHONE GARFIELD 1-5054

BOSTON WOVEN HOSE & RUBBER CO., Cambridge, Mass. — J. B. Lippincott Co., 995 Market St., San Francisco, 1052 W. 6th St., Los Angeles and 911 Western Ave., Seattle.

BOULIN INSTRUMENT CORP., 65 Madison Ave., New York City—E. G. Paules (Tensionmeters), 1762 W. Vernon Ave., Los Angeles 62; Braun Corp., (Tachometers), 2260 E. 15th St., Los Angeles; Braun - Knecht - Heinman (Tachometers), 1460 16th St., San Francisco.

BOYE-ENMES MACHINE TOOL CO., Forest & Caldwell, Cincinnati, Ohio—Dayton & Bakewell, 1939 Santa Fe Ave., Los Angeles; M. L. Foss, Inc., 1901 Arapahoe St., Denver; John B. Hunt, 5611 S.E. Yamhill St., Portland; Starbuck Machine Tool Co., 4111 Airport Way, Seattle; Sullivan Valve & Eng. Co., Front St. at Harrison Ave., Butte, Mont.

BOYMAR PRODUCTS — 1271 Mission St., San Francisco, Calif.

BRACH MFG. CORP., 200 Central Ave., Newark, N. J.—Mel Pearson, 1011 South Josephine St., Denver; Herbert Kraus, 1433 Allenford Ave., Los Angeles.

BRADFORD MACHINE TOOL CO., 657 Evans St., Cincinnati, Ohio—Leslie W. Swenson, 1724 So. Flower St., Los Angeles 7, Calif.; Henry Wagner, 627 37th Ave., Seattle 22; C. C. Warner & Assoc., 3063 Albion St., Denver 7; Munnell & Sherrill, 400 S. W. First Ave., Portland.

BRADLEY LABORATORIES, INC., 168 Columbus Ave., New Haven, Conn.—Lloyd E. West Co., 557 E. Walnut St., Pasadena 1; (For southern Calif.); Gerald B. Miller Co., 1550 N. Highland Ave., Hollywood 28, (for northern Calif.)

BRADY CO., W. H., 708 W. Glendale Ave., Milwaukee, Wis.—Electrical Specialties Co. in following cities: 158 11th St., San Francisco 3; 418 E. Third St., Los Angeles 13; 2406 First Ave. So., Seattle 4; 1101 Stout St., Denver 2; Graybar Electric Company in all principal cities.

BRAININ CO., C. S., 320 Washington St., Mt. Vernon, N. Y. — Special arrangement with Electrical Specialty Co., 158 11th St., San Francisco and 418 E. Third St., Los Angeles.

BRAMMER MFG. CO., 1441 Rockingham Road, Davenport, Iowa—L. M. O'Neill Co., 1355 Market St., San Francisco.

BRAND & CO., INC., WILLIAM, North and Valley Sts., Willimantic, Conn. — Thomas L. Stevens Co., 5333 Sepulveda, Culver City, Calif.; Wm. J. Purdy Co., 312 Seventh St., San Francisco 3; Associated Industries, 1752 Rainier Ave., Seattle 44.

BRANDYWINE FIBRE PRODUCTS CO., 15th and Poplar, Wilmington, Del. — Electrical Specialty Co., 158 11th St., San Francisco and 418 E. 3rd St., Los Angeles.

BRANSON INSTRUMENTS INC., 430 Fairfield Ave., Stamford, Conn.—G. D. Smith Co., 600 Sixteenth St., Oakland and 5258 E. Washington Blvd., Los Angeles.

BRENTON EQUIPMENT CO., 374 Brannan St., San Francisco.

BRETFORD MFG. CO., 9351 Chestnut St., Franklin Park, Ill.—Reuben E. Lagerstrom, 2739 Tenth Ave., Oakland, Calif.

BREUER ELECTRIC MFG. CO., 5100 No. Ravenswood Ave., Chicago, Ill.—R. L. Kline, Western Div. Mgr., Box 636, Los Gatos, Calif. Sold thru leading distributors, jobbers and dealers in all cities.

BREWER-TITCHENER CORP., 111 Pt. Watson St., Cortland, N.Y. —Hi-Line Hardware material distributed through Insulator Manufacturers.

BRIDGEPORT BRASS CO., 30 Grand St., Bridgeport 2, Conn.—Branch Offices: 130 Potrero, San Francisco; 1024 Sixth Ave South, Seattle 1; 6500 E. Flotilla St., Los Angeles 22; 1220 Polk Ave., Houston; 102 Doggett Bldg., Dallas; 77 Lipan St., Denver 23.

BRIDGPORT FITTINGS INC., 209 Center St., Bridgeport, Conn.—Eckert Lloyd Co., 1225 Sixth St., San Francisco; and 2115 South San Pedro, Los Angeles.

BRIDGEPORT SWITCH CO., 209 Center St., Bridgeport, Conn.—Eckert Lloyd Co., 1045 Bryant St., San Francisco, and 2115 So. San Pedro, Los Angeles.

BRIEGEL METHOD TOOL CO., Sales Office and Main Office, 104 N.E. First St., Galva, Ill.— Ernst F. Hauch Co., 1282 Folsom St., San Francisco, Rutkin Electrical Sales, 935 Stanford Ave., Los Angeles 21; W. W. Wheat & Son, 2219 4th Ave., Seattle 1; L. D. Hood Sales, 1133 W. 8th Ave., Denver. (See ad page 11.)

BRIGHT LIGHT REFLECTOR CO., INC. (See Electro-Silv-A-King Corp.)

BRIGHT STAR INDUSTRIES, 600 Getty Ave., Clifton, N. J.—Branch Office: 1355 Market St. H. H. Rantzow Branch Mgr., San Francisco 3.

BRIGGS & STRATTON CORP., W. Center at 13th, Milwaukee, Wis.—Frank Edwards Co., 382 6th St., San Francisco.

BRISTOL COMPANY, THE, 117 Bristol Rd., Waterbury 20, Conn. —Branch Offices: 40 Berry St., San Francisco; 2181 E. 25th St., Los Angeles; 6626 White Bldg., Seattle; Specialty Sales Co., 206 So. West Temple, Salt Lake City; Hamilton Associates, 1236 Elati St., Denver.

BRISTOL MOTOR DIVISION—Vocaline Co. of America, Inc., Coulter St., Old Saybrook, Conn.—Engineering Sales Co., 406 S. Main St., Los Angeles; J. F. Cady, 995 Market St., San Francisco.

BROAN MANUFACTURING CO., INC., 1669 N. Water St., Milwaukee, Wis.— W. W. Grainger, Inc. (in following cities), 311 So. San Pedro, Los Angeles; 2520 Larimer St., Denver; 613 N. W. Davis St., Portland; 168 W. South Temple, Salt Lake City; 316 Occidental Ave., Seattle, 822 W. 2nd St., Spokane; 1022 North 21st Ave., Phoenix; and 519 Potrero Ave., San Francisco; Keeler-White Co., in following cities: 1041 6th Ave. S., Seattle; 322 N.W. 4th Ave., Portland; 436 Colyton St., Los Angeles; 615 7th St., San Francisco; The Muir Sales Co., 1600 W. Colfax Ave., Denver.

BROIL-QUICK CO., 615 W. 131 St., New York City; 654 S. Anderson St., Los Angeles.

BROOK MOTOR CORP., 3555 West Peterson Ave., Chicago 45, Ill.—The Electronic Specialty Co., 2876 Telegraph Ave., Oakland 9, Calif.; Mac S. Krasnow & Associates, 8627 West Adams Blvd., Los Angeles; W. G. Ballantyne & Co., 1215 N.W. Everett St., Portland; R.E. Kunz, 408 Broad St., Seattle; John E. Elggren, 428 South West Temple St., Salt Lake City.

BROSIUS DIV. SALEM BROSIUS, INC., Arch St., Carnegie, Pa.—W. P. Woodridge Co., 4180 E. Washington Blvd., Los Angeles 23.

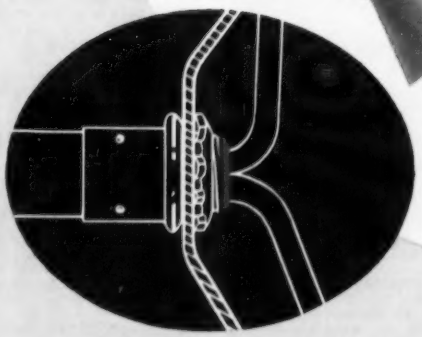
BROWN-BOVERI CORP., 19 Rector St., New York City 6—Delius & Thomas, Hobart Bldg., San Francisco 4.

Red Throat

B-M 21B, THE NEW INSULATED THROAT INDENTER CONNECTOR FOR E.M.T.

Four Ways Finer

1. Protruding rounded red plastic lip of bushing prevents cutting of insulation—eliminates shorts.
2. Full thread screws into all conduit fittings. Lip of RED THROAT bushing protects thread from damage.
3. Deep dished eight pronged lock nut is easier to drive on—screws flush to shoulder and digs into metal of box for vibration proof positive ground.
4. Permanent locked-in bushing insures smooth burr-free raceway for easy fishing. No extra work and costs no more.



Briegel, the Original Indenter Fittings are neater in appearance, easier and faster to use. Installation is simple and less expensive. Two quick squeezes sets them forever. Try B-M Indenter Fittings and get more profits from each job!

ALL BRIEGEL FITTINGS ARE U.L. APPROVED AS CONCRETE-TIGHT

Order from Your Wholesaler!

All B-M Indenter Fittings are U.L. Approved as concrete-tight and for general use (File Card E10863). Also comply With Federal Specifications W-F-406.

UL

TELESCOPE BM SYSTEM

BRIEGEL METHOD TOOL CO.

GALVA • ILLINOIS

Warehouse Stocks in Principal Cities for Immediate Delivery!

SALES AGENTS FOR THE ELEVEN WESTERN STATES

Ernst Hauch
1282 Folsom Street
San Francisco 3, California

Rutkin Electrical Sales Co.
935 Stanford Avenue
Los Angeles 21, California

L. D. Head Sales
1133 West 8th Avenue
Denver, Colorado

W. W. Wheat & Son
2219—4th Avenue
Seattle 1, Washington

IT'S A SNAP to make PERFECT insulated splices with the NEW BUCHANAN Snap-On Insulators

You can make perfectly insulated splices with greater ease, speed, and simplicity with Buchanan Splice Caps and the new one-piece snap-on-lock Nylon Insulators. Internal metallic retainer ring assures fast factory-perfect splice insulation . . . even in extremely cold weather . . . even on flexible wire.

With Buchanan C-24 pres-SURE-tool with exclusive 4-way crimp, you can splice from 2 #18's thru 3 #8's or 2 #6's with only 2 sizes of Splice Caps and Insulators. Same tool installs Buchanan Termend® lugs on #16 thru #8 wire.

Approved for 600 volts on building wire and 1000 volts in fixtures, in applications up to 105° C.

BUCHANAN
ELECTRICAL PRODUCTS CORPORATION
237 U. S. Hwy. 22, Hillside, N. J.
IN CANADA / Gasaccumulator Co. (Canada) Ltd., 12 C Gower St., Toronto 16, Ontario

BROWN-BROCKMEYER CO., INC., 1046 Smithville Rd., Dayton 1, Ohio—Ellis-Kuhn, 711 Gibbons St., Los Angeles; R. W. Scott, 2554 38th Ave., San Francisco; Western Elec., California Bldg., Stockton; George Shefler, P. O. Box 1587, Phoenix; Palmer D. Weeks, S.W. First and Stark, Portland, Ore.; J. R. Christensen, 524 F St., Salt Lake City.

BROWN INSTRUMENT CO., Wayne and Roberts Aves., Philadelphia 44, Penna.—Same Western offices as Minneapolis-Honeywell Regulator Co., this Directory.

BROWN PRODUCTS CORP., A., 97-12 Metropolitan Ave., Forest Hills, N. Y.—Charles W. Finn Co. 419 Atlantic Ave., Long Beach, Calif.; Everett Hamm, 17 Normandy Lane, Orinda, Calif.; Trinity Co., 2268 So. Cherry, Denver; Philips-Moore Equipment Co., 704 E. Yandell Blvd., El Paso, Tex.

BROWN COMPANY, 150 Causeway St., Boston, Mass.—Branch Office: 681 Market St., Mr. Earl Van Pool, Regional Sales Mgr., San Francisco. Bermico Conduit, sold thru Westinghouse Electric Supply Co. in all cities.

BROWNING LABORATORIES, INC., 750 Main St., Winchester, Mass.—Gerald B. Miller Co. (Electronic Test Equip.), 1550 N. Highland Ave., Hollywood 28; Koessler Sales Co., (Tuners) 6907 Melrose Ave., Los Angeles 38; Ron Merritt Co. (Tuners) 120 West Thomas St., Seattle.

BROWNING MFG. CO., Maysville, Ky.—Marwood Limited, 557 9th St., San Francisco; 520 E. 3rd, Los Angeles; 209 S.W. 1st Ave., Portland, and 1714 1st Ave. So., Seattle.

BRUNDAGE COMPANY, 612 No. Park, Kalamazoo 11, Mich.—Branch Office: 1117 2nd Ave. at Seneca (H. W. Winningham Co.), Seattle 1.

BRUSH ELECTRONICS CO., Perins & Phillips Avenues, Cleveland 14, Ohio—The James L. Kearns Co., 6055 N.E. Glisan St., Portland 16; Gerald B. Miller Co., 1550 N. Highland Ave., Hollywood 28, 1334 Old County Road, Belmont, Calif. and 327 Wyoming S.E., Albuquerque, N. M.; Ronald G. Bowen Co., 446 Broadway, Denver.

BRYANT ELECTRIC CO., THE, 1421 State St., Bridgeport, Conn.—Branch office: 3310 Leonis Blvd., Los Angeles 58, Calif.

BUCHANAN ELECTRICAL PRODUCTS CORP., 229 Route 22, Hillside, New Jersey—F. M. Nicholas Co., 714 Harrison St., San Francisco 3 and 1331 T St., Sacramento; Kenneth Anderson Co., 412 Seaton St., Los Angeles 13, and 1503 S. First Ave., Phoenix; Fred A. Pease, P. O. Box, 1566, Denver, Box 1766, Salt Lake City and Box 266, Billings; Keeler, White Co., 1041 Sixth Ave., So., Seattle 4 and 322 N.W. Fourth Ave., Portland 9. (See ad pages 12 and 78.)

BUCK ELECTRICAL MFG. CO., 139 Highland Parkway, Roselle, N. J.—Walter Wallace Co., 445 Bryant St., San Francisco; The McLoughlin Co., 811 E. 14th Place, Los Angeles 21; Standard Electric Sales, 1731 1st Ave. S., Seattle 9; R. D. Florance & Associates, 2052 Humboldt St., Denver 5; J. W. Reynolds Co., 1479 So. Main St., Salt Lake City.

BUCKINGHAM MANUFACTURING CO., Travis and Bevier Sts., Binghamton, N. Y.—A. L. Dickson, Western Sales Manager, 1259 Clark Road, Paradise, Calif.; Charles E. Morton Co., 1406 S. Grand Ave., Los Angeles 15. Western Hardware & Tool, San Francisco; Capital Hardware, Sacramento; Electric Supplies Dist. Co., San Diego; Ken H. Best, Seattle; Mallory Logging Equip. Co., Portland; Ryall Elec. Supply Co., Denver; Electric Supply Co., Albuquerque; Casper Supply Co., Casper, Wyo.; Montana Electric Co., Billings; The Falls Supply Co., Great Falls, Mont.; Osborne & Kitchen, Inc., Reno, Nev.; Arizona Wholesale Supply, Phoenix; Pole Line Dist. Co., 405 W. 12th S., Salt Lake City; Idaho Hardware & Plumbing Co., Boise; Coeur d' Alene Hardware & Foundry, Wallace, Idaho; Missoula Mercantile, Missoula, Mont.; Phil Judd, Butte, Mont.; Pueblo Elec. Supply Co., Pueblo, Colo.; Safety Equip. Co., 1630 17th St., Denver.

BUCKEYE ALUMINUM, Div. Mardigian Corp., 770 Spruce St., Wooster, Ohio—Harry Henkel Associates, 1355 Market St., San Francisco 3; Harry C. Owens, 958 S. Race St., Denver.

BUDA COMPANY, Div. of Allis-Chalmers Mfg. Co., 154th and Commercial Ave., Harvey, Ill.—Branch Offices: Buda Engine & Equipment Co. in the following cities: 470 Bay Shore Blvd., San Francisco 24; 3407 Airport Way, Seattle 4. Distributors: Anderson-BeVier Co., Inc., 2529 Chambers St., Los Angeles 58; Hamilton Engine Sales, Inc., 2580 N.W. Upshur St., Portland 10; Arizona Equipment Sales, Inc., 2812 Grand Ave., Phoenix; B. K. Sweeney Co., 1601 23rd St., Denver 17.

BUELL ENGINEERING CO., 70 Pine St., New York—Lombard Smith, 714 W. Olympic Blvd., Los Angeles.

BUFFALO FORGE CO., 490 Broadway, Buffalo, N. Y. — Richard D. Stites, Central Tower, San Francisco; A. T. Forsyth Co., 3150 Elliott Ave., Seattle; Halliday & Knauff, 448 So. Hill St., Los Angeles; Pace-Turpin & Co., 726 So. 3rd St. West, Salt Lake City.

BUFFALO METER CO., 2917 Main St., Buffalo 14, N. Y. — T. A. Routh Co., 742 Market St., San Francisco; W. R. Ladewig Co., 5608 E. Washington Blvd., Los Angeles 22; Mine & Smelter Supply, 1422 17th St., Denver 17; Burhans Sharpe Co., 1743 First Ave. South, Seattle 4; Fleck Bros. Ltd., 114 Alexander St., Vancouver, B. C.

BUFFALO TRANSFORMER CO., 1507 Niagara St., Buffalo 13, N. Y.— Wm. J. Cottrell & Associates, 4000 S. W. Macadam Ave., Portland; W. C. King, 2200 E. 27th St., Los Angeles; Coastal States Elec. & Equip. Co., 112 Market St., San Francisco.

BUHRKE CO., R. H., 1403 W. Congress St., Chicago, Ill.—Ken H. Best, 541 First Ave. So., Seattle; Charles E. Morton Co., P. O. Box 1436 Del Valle Sta., Los Angeles; Brenton Equip Co., 374 Brannan St., San Francisco 7.

BULLARD CO., E. D., 275 8th St., San Francisco, Calif.—Branch Office: 6719 S. Figueroa St., Los Angeles. Spokane Safety Appliance, 310 W. Pacific Ave., Spokane; Safety & Supply Co., Blanchard St., Seattle; Sanderson Safety Supply Co., 816 S. E. Hawthorne Blvd., Portland; Intermountain Equipment Co., Broadway at Myrtle St., Boise; Mine & Smelter Supply Co., 1422 17th St., and Salt Lake City; Goodall Rubber Co., 1033 Santa Fe Driver, Denver; Garrett Supply Co., 126 W. Madison, Phoenix.

BULLDOG ELECTRIC PRODUCTS CO., 7610 Jos. Campau Ave., Detroit, Mich.—Safety Switchboard & Mfg. Co., 910 89th Ave., Oakland 21; Coast Electric & Mfg. Co., 1733 N.E. 7th Ave., Portland and 9703 9th Place S.W., Seattle; Young Elec. & Mfg. Co., 2134 Curtis St., Denver 2; Bull-Dog Elec. Prod. of Los Angeles, 2885 E. Washington Blvd., Los Angeles.

BUNTING BRASS & BRONZE CO., THE, 715 Spencer St., Toledo, Ohio—Branch Offices: 277 7th St., San Francisco, and 240 W. 18th St., Los Angeles. Distributors: Tri-State Supply in following cities: 544 S. San Pedro, Los Angeles, 554 Bryant St., San Francisco, and 318 Occidental, Seattle; L. L. Burror & Co., 1126 8th Ave., Oakland; Oscar F. Williams, 1443 4th Ave., San Francisco; C. E. Riggs, 317 N.W. Broadway, Portland; J. R. Christensen Agency, 247 E. 5th So., Salt Lake City; Arrowhead Elec. Corp., 4816 So. Vermont Ave., Los Angeles; Robinson Electric Co., Ltd., 1179 Homer St., Vancouver, B. C.; Bay City Bearing Co., 2138 American Ave., Long Beach, Calif.

BURBANK ELECTRICAL PRODUCTS, 215 W. Palm Ave., Burbank, Calif.—Ernst F. Hauch, 1282 Folsom St., San Francisco 3; McLoughlin Co. 811 E. 14th Place, Los Angeles 54; Ed Siegert Agency, 326 Builders Exchange Bldg., Portland 4.

BURDICK CORP., 635 Plumb St., Milton, Wis.—Al Bush Elec., 1245 Folsom St., San Francisco; R. L. Scheerer Co., 2206 W. 7th St., Los Angeles; Phillip Zebold, 589 E. Los Flores, Pasadena; A. S. Aloe Co., 1150 S. Flower, Los Angeles 15 and 500 Howard St., San Francisco.

BURGESS BATTERY COMPANY, Freeport, Ill.—Dave M. Lee Co., 2517 Second Ave., Seattle; James H. Blinn Co., Denver 4; John Allen Ware & Associates, 301 West "G" St., San Diego; Philip R. Crocker, 707 Grayson Road, Pleasant Hill, Calif.; John Geiger, 262 El Nido Ave., Monrovia, Calif.

BURGESS-MANNING CO., Architecutral Prod. Div., 5970 Northwest Highway, Chicago 31, Ill.—Branch Office: Oakland, Calif.

BURGESS VIBROCRAFTERS, INC., Grayslake, Ill.—W. T. Stone Co., 1717 Westlake No., Seattle; Harry V. Donaldson, 420 Market, San Francisco; Selby J. Donaldson, 128 So. Westmoreland, Los Angeles.

BURLING INSTRUMENT CO., 16 River Road, Chatham, N. J.—Ralph B. Lundy, 1063 Howard, San Francisco; J. L. Courtois, 35 N. Arroyo Parkway, Pasadena.

BURLINGTON INSTRUMENT CO., 203 N. 3rd St., Burlington, Iowa—Fred W. Carlson, 2101 Dexter Ave., Seattle; David H. Ross Co., 534 El Camino Real, San Carlos, Calif.; J. E. Edstrom, 935 N.W. 12th Ave., Portland; Frazar & Hansen, Ltd. (Export), 301 Clay St., San Francisco; Harry A. Lasure, 9041 West Pico Blvd., Los Angeles.

BURNDY ENGINEERING CO., INC., Norwalk, Conn.—Branch at Lynwood, Calif.: George E. Honn Co., 420 Market St., San Francisco 11; Earl S. Condon Co., 3460 Wilshire Blvd., Los Angeles 5; Shaffer & Nelson, 139 S.E. Taylor St., Portland; 312 Occidental Ave., Seattle 4 and W. 1835 Broadway, Spokane 10; J. O. Malvin, 3101 No. 36th St., Boise, Ida.; Peterson Co., 4949 Colorado Blvd., Denver.

BURNELL & CO., 45 Warburton Ave., Yonkers, N. Y.—Gordon S. Marshall, 40 S. Las Robles, Pasadena, Calif.

America has homework to do!

THERE'S PROBABLY a lot about your town that makes you want to brag a bit about it.

But there's one thing you *can't* be proud of. And it's a shame you share with just about every other community in America.

The homes where far too many people live are a disgrace. Slums, semi-slums, housing blight are with you. Fixing them up is the homework to be done.

If your town is like most in the U. S., here's what the figures show: 1 out of every 10 homes are rock-bottom slums. Nearly one-half urgently need basic repairs.

But slums are something that is happening on the other side of town, you may say. The problem isn't mine.

Slums are YOUR homework

Distance is no barrier against the threat and cost of housing blight.

Your taxes go up because it takes more money for your town to fight the diseases and delinquency and poverty spawned in the slums. The security of your family goes down because the slum is the natural parent of crime.

Where your business comes in

Every firm has a responsibility toward the town where it's located. Part of it is to support community improvements as any other good citizen would.

Some slums are beyond repair. They must be torn down and a fresh start made. Others can be made to conform to accepted living standards. So it is up to you to get behind every sound program which seeks to provide adequate housing for all our people.

Civic and individual groups must have business backing . . . *your* firm's backing if they are to succeed.

Follow the course of Action!

A group of Americans from every walk of life has joined together in a non-profit organization to combat home and community deterioration, A.C.T.I.O.N., the American Council To Improve Our Neighborhoods.

Send today for a free copy of "ACTION." It explains what A.C.T.I.O.N. is and proposes to do. It lists booklets, research, check-lists, and other material which can help you. Address P. O. Box 500, Radio City Station, New York 20, N. Y.

ACTION

American Council To Improve Our Neighborhoods

BURNHAM CORPORATION, Box 251, Zanesville, Ohio — Mason Emanuels, 1000 4th Ave., South, Seattle 4; Security Plumbing and Supply Co., 40 Gough St., San Francisco; Mr. C. W. Boyle, 2319 Blanchard Drive, Glendale, Calif.

BURNLEY BATTERY & MFG. CO., 103 Clay St., North East, Pa.,—Joslyn Pacific Co., Div. of Joslyn Mfg. & Supply Co. in the following cities: 5100 District Blvd., Los Angeles; 180 Potrero St., San Francisco; 1523 N.W. Kearney St., Portland, and 2424 1st Ave. So., Seattle.

BURNWORTH TESTER, 815 Pomona Ave., El Cerrito 8, Calif.—Marwedel Limited, 1235 Mission St. San Francisco; Western Hardware & Tool, 122 10th St., Simons Hardware, 8th and Broadway, Oakland; State Elec. Supply, 241 10th, Oakland; W. D. Brill Co., 19th & Jackson, Oakland; Electric Corp., 145 Ninth St., San Francisco; Grand of Calif., Inc., 6325 San Leandro St., Oakland 21.

BURPEE CAN SEALER CO., 128 W. Liberty, Barrington, Ill.—Mel Pearson, 1011 S. Josephine St., Denver; James Gaisford, 3121 E. 12th Los Angeles; Wm. W. Grigg, 2240 South Shore Blvd., Oswego, Ore.

BURT MFG. CO., 901 S. High St., Akron 11, Ohio — Samson Sales Co., 420 Market St., San Francisco; Engineers Metals of So. Calif., 4171 Verdugo Rd., Los Angeles; Pace-Turpin & Co., 726 S. 3rd. West, Salt Lake; C. A. Crosta, Inc., Denver; Marion Butler, Swan Island, Portland, Ore.; Steel & Engrg. Prod., Phoenix & Albuquerque; Taft Constr. Products, Seattle.

BURTON EQUIPMENT CO., INC., 4810 Firestone Blvd., South Gate, Calif.—Sold thru electrical jobbers and wholesalers.

BURTON-ROGERS CO., Sales Div., Hoyt Elec'l Instr. Works, 42 Carlton St., Cambridge, Mass.—Harvey Shoemaker, 1127 Wilshire Blvd., Los Angeles 17; Roy E. Ryberg, 3817 Parkmont Pl., Seattle 99.

BUSH MFG. COMPANY, 179 South St., West Hartford 10, Conn.—Bush Mfg. Co., 1850 Massachusetts Ave., Riverside, Calif.

BUSSMANN MFG. CO., University at Jefferson, St. Louis 7, Mo.—O. A. Alderman, 5919 South Kings Road, Los Angeles 56; N. S. Beyer, 2379 Funston St., San Francisco 16; R. H. Shipek, 513 East 125th St., Seattle 55; R. L. Kerr, 8117 Vicksburg Ave., Los Angeles 45; H. L. Davin, 2919 Forest St., Denver. (See ad page 14.)

CBS-HYTRON—A Div. of Columbia Broadcasting System, Inc., 100 Endicott St., Danvers, Mass.—Moulthrop & Hunter, 160 Tenth St., San Francisco; W. B. Knight Co., 10273 W. Pico Blvd., Los Angeles; A. J. Nelson, Box 5502, Denver; Northwestern Agencies, Inc., 4130 1st Ave. S., Seattle.

C & D BATTERIES, INC., Conshohocken, Pa.—Howard Toneray, 1732 Blake St., Denver; Fred Pellitier, 1014 Venice Blvd., Los Angeles; N. J. McCormick, 427 N.E. Cook St., Portland; McCormick Morgan Co., 725 Second St., San Francisco; Industrial Prod. Co., 2911 First Ave. So., Seattle; Automotive Elec. Co., E. 125 Mission St., Spokane.

C-O-TWO FIRE EQUIPMENT CO., U. S. Highway 1, Newark 1, N. J.—Branch offices: 1177 Mission St., San Francisco 3 and 1538 Esperanza St., Los Angeles 23.

BUSS FUSES

FUSETRON dual-element fuses. Eliminate needless blowing of circuit fuses. Protect motors against burnout from overloads or single phasing. Reduce heating in panels and switches. Give thermal protection to panels and switches. Save on service and maintenance costs. In all sizes 1/10 amp. up—in 125, 250 and 600 volt types. Fit regular fuse holders.

BUSS Fustats. (Type "S" fuses) Operate like Fusetron fuses. Make SAFE protection REMAIN SAFE. 3/10 to 30 amp. sizes. Fit plug fuse holders thru use of inexpensive adapter.

BUSS Super-Lag Fuses. Give a freedom from needless blows not possible with any other renewable fuse. Greatly reduce out-of-service losses and fuse bills.

BUSS One-Time Fuses. Receive same engineering care in manufacture as all products bearing BUSS trade mark. Safe and dependable under all conditions.

BUSS Hi-Cap Fuses. On loads above 600 and up to 6000 amperes give high speed operation on heavy short-circuits and limit current to safe values. This minimizes damage to equipment and cuts down dangerous stresses on transformers.

BUSSMANN MFG. CO., ST. LOUIS 7, MO.
Division McGraw Electric Company

Western Representatives:
O. A. Alderman, 5919 S. Kings Rd., Los Angeles 56, Calif.
N. S. Beyer, 2379 Funston St., San Francisco 16, Calif.
R. L. Kerr, 8117 Vicksburg Ave., Los Angeles 45, Calif.
R. H. Shipek, 513 East 125th St., Seattle 55, Wash.
H. L. Davin, 2919 Forest St., Denver 7, Colorado.

CABLE ELECTRIC PRODUCTS, INC., 234 Daboll St., Providence, R. I.—The Frank H. Bran Company, 607 E. 6th St., Los Angeles; L. & H Sales, 701 Hampshire, San Francisco 12; Vic Paul Co., 428 N.W. 16th Ave., Portland 9; Allen B. Carpenter Co., 820 12th St., Denver 4.

CABLE SPINNING EQUIP. CO., 3100 Topeka Blvd., Topeka, Kans.—C. L. Woolsey, 1320 Opechea Way, Glendale, Calif.

CALABAR (See SpanMaster.)

CALIFORNIA CONDUIT & CABLE CO., 2204 Orange St., Alhambra, Calif.—Henger-Seltzer Co., 120 S. Hewitt, Los Angeles; Hodges & Glomb, 921 Bryant St., San Francisco; John Allen Ware & Associates, 301 West G St., San Diego and 2115 S. 15th St., Phoenix; Keeler White Co., 322 N.W. Fourth Ave., Portland 9; Jim P. Ferry Co., 1169 Kapiolani, Honolulu, T. H. (See ad page 15.)

CAM-LOK DIV., EMPIRE PRODUCTS, INC., Box 98, Cincinnati 36, Ohio—Bailey Equip. Co., 1604 State St., San Diego; Aeroweld Supply Co., 3955 Pacific Highway, San Diego; General Welding Supply Co., 1416 Blake St., Denver.

CAM TOOL CO., INC., 288 21st St., Oakland, Calif.; Auto Parts Warehouse, 3219 S. Figueroa, Los Angeles; R. K. Flanagan, 1100 E. Pike St., Seattle; Don Smith, 24 E. 9th Ave., Denver; L. D. Tuttle Co., 1711 Cochran St., Dallas.

CAMEF EQUIPMENT CORP., 224 S. Michigan Ave., Chicago, Ill.—Equip. Supply Corp., 528 First Ave. So., Seattle 4; Beach Gauge Co., Cottalge Grove, Ore., Frank Davidson, 221 24th Ave., San Francisco; Toledo Scale Co., Phoenix; Timpte Bros., Inc., East 40th at York, Denver.

CAMFIELD MANUFACTURING CO., 1301 Fulton St., Grand Haven, Mich.—S. W. DeKoven, 215 S. Hamel Dr., Beverly Hills, Calif.; Yenger-Sleight Co., Portland; Anderson-O'Donnell Co., Denver.

CAN ARM CORP., P. O. Box 30, Chazy, N. Y.—Modern Glass Heat, 3123 East 85th Street, Seattle.

CANNON ELECTRIC CO., 3209 Humboldt St., Los Angeles 31, Calif.—Wm. V. Brainard, 1010 Grosvenor Pl., Oakland 10; Gates Co., 200 S. Main, Salt Lake City 1; James J. Backer Co., 2321 2nd Ave., Seattle 1. (See ad page 15.)

CAPEHART - FARNSWORTH CORP., 3700 Pontiac, Fort Wayne 1, Ind.— Thompson & Holmes, Ltd., 424 Townsend St., San Francisco; Ariz. Wholesale Supply Co., Phoenix; D. N. Latus & Co., Helena, Mont.; Rogers & Wood Co., 2500 West 6th St. Bldg., Los Angeles; S. R. Ross Inc., Salt Lake City & Boise, Ida.; Seattle Radio Supply, Inc., Seattle and Spokane.

CAPEWELL MFG. CO., 60 Governor St., Hartford 2, Conn.—David T. Bates, 4029 Via Nivel, Palos Verde Estates, Calif.; Edward R. Hacmac, P. O. Box 367, Burlingame, Calif.; Rueger Co., 1335 So. Hill, Los Angeles, and 889 Bryant St., San Francisco.

CARBIDE TOOL CO. INC., N.E. Auburn & Brookline Sts., Cambridge 39, Mass.—Hobelmann & Co., Inc., 225 Kansas St., San Francisco; C. C. Warner, 3063 Albion St., Denver.

CARBOLOY, DEPT. OF GE CO., 11159 E. Eight Mile Road, Detroit 32, Mich. (See under GE Co.)

CARBON ENGINEERING CORP.—400 Railroad, Slinger, Wis.—Advance Tool & Supply Co., 3056 24th St., San Francisco 10; Motor Winders Supply Co., 334 W. Jefferson St., Phoenix.

CARBONE CORPORATION, 400 Myrtle Ave., Boonton, N. J.—C. E. Klaus, 1004 S. E. Belmont, Portland; Dom Politeo, 547 Howard St., San Francisco; Ferris & Co., 422 W. Roses Road, San Gabriel, Calif.; H. A. Pearse, 759 Belmont Place, Seattle; J. A. Tudor, 2605 Western Ave., Seattle.

CARBORUNDUM CO. OF GLOBAR DIV., Niagara Falls, N. Y.—The Carborundum Co., 2636 Malt Ave., Los Angeles, and Mountain View, Calif.

CARDOX CORPORATION, 307 N. Michigan Ave., Chicago 1, Ill.—Branch Offices: A. K. Wayman, 151 North Ave. 19, Los Angeles; A. L. Peterson, Dist. Mgr., 1118 Fifth Ave., Oakland.

CAREY ELECTRONIC ENG. CO., 1880 Clifton Ave., Springfield, Ohio—Yates Products, Inc., 703 W. Ivy St., Glendale, Calif.

CAREY MFG. CO., PHILIP (See Victor Ventilator Div.).

CARLING ELECTRIC, INC., 505 New Park Ave., West Hartford 10, Conn.—A. J. Nelson Co., P. O. Box 5502, Denver; Paul F. Wiley, 1406 S. Grand Ave., Los Angeles; Howard & Associates, 1282 Folsom St., San Francisco 7; Sanderlin & Co., 129-31 First Ave., Seattle 99 and 201 S.E. Washington St., Portland 14.

CARLON PRODUCTS CORP., 10225 Meech St., Cleveland, Ohio—Branch Office: 4712 Crenshaw Blvd., Los Angeles; Donald Foster, 5315 S.E. 35th Ave., Portland; Mel Pearson, 1011 So. Josephine, Denver; Loren J. Simer, Fishtail, Mont.; Harvey R. Durrant, 10 W. First So., Salt Lake.

CARMA MFG. CO., 1877 Mullin Ave., Torrance, Calif.—Earl S. Condon Co., 3460 Wilshire Blvd., Los Angeles.

CAROL CABLE CO., 90 Middle St., Pawtucket, R. I.—John Paul Jones, Zone Mgr., 7163-A Alvern St., Los Angeles 45; Bruce-Emmett Co., 836 S.E. Alder St., Portland, 1016 First Ave. S., Seattle, and W. 1603 Shannon St., Spokane; Jack Payne Co., 431 Colyton St., Los Angeles; F. M. Nicholas Co., 714 Harrison St., San Francisco 7.

CARPENTER MFG. CO., 2 Bradley, Somerville 45, Mass.—L. N. Curtis & Sons, 5808 College Ave., Oakland; Howard-Cooper, 5821 N. E. Glisan, Portland; Tingling & Powell, E. 706 Sprague Ave., Spokane.

CARPENTER STEEL CO., Alloy Tube Div., Springfield Road, Union, N. J. — Branch Office: 24 California St., San Francisco 11. Distributors: Electric Steel Foundry Co., 2141 N. W. 25th Ave., Portland 10; 2724 1st Ave. So., Seattle 4; 1280 65th St., Emeryville, Calif.; 4600 Pacific Blvd., Los Angeles 11.

CARRIER CORPORATION, 300 S. Geddes St., Syracuse, N. Y.—Branch Offices: 900 Tennessee St., San Francisco; 5330 Harbor St., Los Angeles; 1159 Stout St. Denver; 114 W. Adams St., Phoenix; S.E. Grand at Morrison, Portland 4.

CARRUTHERS & FERNANDEZ, INC., 1501 Colorado Ave., Santa Monica, Calif.

CARTER MOTOR CO., 2644 N. Maplewood Ave., Chicago, Ill.—Branch Office: Harold Newnan, 420 Market St., San Francisco; Perlmuth Coleman & Associates, 2419 So. Grand, Los Angeles 7; Northwestern Agencies, 4130 First Ave., So., Seattle 4, and 2941 N.W. Quimby, Portland 10; Dick Hyde Sales Co., 3250 So. Dexter, Denver 32.

CARTER PARTS CO., 213 W. Institute Place, Chicago 10, Ill.—Dick Hyde, 3250 S. Dexter St., Denver 20; Win W. Tompkins, 941 Newell Rd., Palo Alto, Calif.; Burt C. Porter Co., 4310 Roosevelt Way, Seattle; Electronic Sales Associates, 7405 Melrose Ave., Los Angeles.

CASCO PRODUCTS CORP., 512 Hancock Ave., Bridgeport, Conn. Allen B. Carpenter Co., 820 12th St., Denver; O. M. Thompson Co., 13005 8th Ave., N.W. Seattle; Ken Kinrich Co., 3828 Eureka Dr., No., Hollywood and 634 Polk St., San Francisco.

CASH VALVE MFG. CORP., 666 E. Wabash, Decatur, Ill.—John J. Logue, 1500 Magnolia St., San Carlos, Calif.; Earl L. Morris Co., 3800 S. Main, Los Angeles; Chester L. Duke, 3317 N. 31st, Tacoma; G. Robert Parker, 1458 Pennsylvania, Denver.

CASCADIAN CO., INC., 2075 Cross St., Eugene, Ore.—K. M. Ryals Co., 461 Market St., San Francisco.

CATALIN CORP OF AMERICA, Park Ave., New York City—Electrical Specialty Co., 158 11th St., San Francisco; 418 E. Third St., Los Angeles 13; 2406 Ave. So. Seattle; 1101 Stout St., Denver 2.

CATALYTIC COMBUSTION CORP., 4544 Grand River, Detroit, Mich.—The Bogart Co., 6010 S. Normandie, Los Angeles; Heat & Control, Inc., 270 Seventh St., San Francisco, and 438 Dexter, Seattle.

CATHO-LITE CO., INC., 4122 W. Belvedere Ave., Baltimore 15, Md.—E. G. Hendrickson & Associates, 1717 W. Broadway, Spokane, Wash.

CAVALIER CORP., Electric Heater Div., 343 W. 1st St., Chattanooga, Tenn.—Bruce-Emmett Co., 830 S.E. Alder St., Portland and 1016 First Ave. South, Seattle; Dan H. Radke Co., 754 Natoma St., San Francisco; Jim Shirreffs Co., 1105 S. La Brea Ave., Los Angeles 19. Distributors in all principal cities.

CEASLEE CO., T.R., 1500 Brookpart Road, Cleveland, Ohio—J. R. Chapman Co., 290 9th St., San Francisco.

CEILHEAT, INC., 5212 Homberg Drive, Knoxville, Tenn.—Coast Electric, 744 G St., San Diego; Wespac, 372 12th Ave. West, Eugene, Ore.; Tubbs Electric Co., 165 S. Post St., Spokane; Robert J. Koehnke, 14822 Horst Ave., Norwalk, Calif.; Elec'l Distributors Inc., 1311 Glendale Blvd., Los Angeles; Portland Elec. & Plumbing, 905 S.W. 16th Ave., Portland; Hussar Elec. Supply, 24 South Park Ave., Tucson, Ariz.

CELINE, INC., North Island Ave., Batavia, Ill.—A. B. Smedley, P. O. Box 67-C, Pasadena, Calif.

CENTRAL AUTOMATIC SPRINKLER CO., Fourth and Cannon Ave., Lansdale, Pa.—Approved Auto. Sprinkler Co., 108 So. Park St., San Francisco and Herman Lawson Co., 465 Tehama St., San Francisco; S. T. Miller Co., N. 613 Monroe St., Spokane; Sullivan Valve & Eng. Co., 910 S. Arizona St., Butte, Mont.; Rautman Plumbing & Heating Co., 115 Jackson St., Seattle 4; Lent's Inc., 270 Fourth St., Bremerton, Wash.; M. B. Hinds, 2695 S.W. Third Ave., Portland; Curtis Auto Sprinkler Co., 5533 Long Beach Ave., Los Angeles; Robert B. Cameron & Son, Bakersfield; Orvin Eng. Co., La Habra, Calif.; Jardine-Wardman, Inc., Colorado Springs, Colo.

CENTRALAB—Div. Globe Union Inc., 900 E. Keefe Ave., Milwaukee 1, Wis.—J. J. Backer, 2321 Second Ave., Seattle; Logan Sales Co., 154 8th St., San Francisco; R. L. Stone Co., (Distributors only), 9548 W. Pico Blvd., Los Angeles; McLoud & Raymond Co., 5528 E. Colfax Ave., Denver; Walter S. Harmon Co. (Mfrs. only), 121 Robertson Blvd., Los Angeles.

CENTRAL PORCELAIN CO., Railroad St., Columbiana, Ohio—Weingart & Lustig, 1428 Channing St., Los Angeles 21.

CENTRAL TRANSFORMER CORP. (Formerly Larkin Lectro Products Corp.) Pine Bluff, Arkansas—Robert A. Young & Co., 3901 San Fernando Road, Glendale, Calif.; Franklin Y. Gates Co., 200 S. Main St., Salt Lake City; F. M. Nicholas Co., 714 Harrison St., San Francisco; Shaffer & Nelson, 139 S.E. Taylor, Portland, 312 Occidental Ave., Seattle and W. 1835 Broadway, Spokane; Hubert Kaub & Co., 1025 Santa Fe Dr., Denver.

CENTURY ELECTRIC CO., 1806 Pine St., St. Louis, Mo.—Branch Offices: 557 Monadnock Bldg., San Francisco; 1855 Industrial St., Los Angeles; 1518 1st Ave. So., Seattle; Agents—Tad J. Stevens, 41 P. O. Place, Salt Lake City; Mark G. Mueller, 1644 Blake, Denver.

CENTURY LIGHTING, INC., 419 W. 55th St., New York City—Reuben E. Lagerstrom, 2739 10th Ave., Oakland.

CENTURY ENTERPRISES INC., 507 W. 56th St., New York City—Haskell Faber, 4168 Fulton Ave., Sherman Oaks, Calif.; Irv Sax, P. O. Box 2066, Salt Lake City; Ted Mack, 503 Hughes Bldg., Portland.

CERTIFIED FLEXIBLE COUPLINGS, 369 Lexington Ave., New York City 17 — Brooks Equip. Co., 636 Potrero St., San Francisco; W. G. Ballantyne Co., 1215 N.W. Everett, Portland.

CHACE CO., W. M., 1600 Beard Ave., Detroit, Mich.—E. A. Wilcox Co., in following cities: 277 7th St., San Francisco; 406 So. Main, Los Angeles 13, and Arctic Bldg., Seattle 4.

CHAMPION BLOWER & FORGE CO., Lancaster, Pa. — Baker-Hamilton, San Francisco; Mine & Smelter Supply Co., Salt Lake; Union Hardware & Metal, Los Angeles; Schwabacher Hardware, Seattle; J. E. Haseltine, Portland.

CHAMPION DeARMENT TOOL CO., S. Main, Meadville, Pa.—J. J. Brown Co., 257 S. Spring St., Los Angeles, and 420 Market St., San Francisco; Geo. M. Sullivan & Son, 3108½ Yesler Way, Seattle; Wm. L. Knoyer Co., 1117 7th St., Denver.

CHAMPION LAMP WORKS, of the Consolidated Electric Lamp Co., 330 Lynnway, Mass.—Branch Offices: 325 Ninth St., San Francisco 3, and 326 S. San Pedro, Los Angeles 13.

CHANCE CO., A. B., Plant and Main Office at 210 North Allen St., Centralia, Mo., Branch, 815 Tennessee St., San Francisco, Calif.—Western Branch Offices: J. T. Isbell, Vice President and Pacific Coast Mgr., 815 Tennessee St., San Francisco; Fred S. Baldwin, 4949 Stanford, Seattle; J. L. Hanks, 1220 S. W. Stark St., Portland 5; M. R. Parkin, 1134 Kearney St., Denver; J. R. Rice, 5351 Penfield Ave., Woodland Hills, Calif.; Industrial Engineering and Equipment Co., 417 So. Hill St., Los Angeles; J. O. Malvin Co., 3101 36th St., Boise, Idaho.

CHAPMAN VALVE MFG. CO., Indian Orchard, Mass.—Branch Offices: 564 Bryant St., San Francisco, and 2941 East 11th St., Los Angeles.

CAL-FLEX

The New BONDED Waterproof

FLEXIBLE STEEL CONDUIT

CAL-FLEX conduit will give superior service wherever moisture, oil, corrosive fumes, excessive vibration or other severe conditions exist. CAL-FLEX can be used with all standard watertight fittings. POLY-VINYL coating can be applied either internally or externally.

Complete Size Range ⅜" to 4"

Standard Flexible Steel Conduit and Armored Cable

We manufacture a complete range of sizes in standard flexible steel conduit and armored cable.

In Stock for Fast Delivery at

Hodges & Glomb, 921 Bryant St., San Francisco, Calif.
J. J. Miner Co., 535 E. Larned St., Detroit 26, Mich.
Fred Walters Co., 2020 Congress, Houston, Texas
Curt C. Conrad Co., 1665 Jarboe St., Kansas City 41, Mo.
Keeler White Co., 322 N.W. Fourth Ave., Portland 9, Ore.
Jim P. Ferry Co., 1169 Kapiolani Blvd., Honolulu, Hawaii
John Allen Ware, 2115 So. 15th Ave., Phoenix, Ariz.

CALIFORNIA CONDUIT & CABLE CO.

2204 ORANGE STREET, ALHAMBRA, CALIFORNIA

Telephones: ATlantic 2-4091—CUmberland 3-1990

CANNON PLUGS **THE WORLD'S LARGEST VARIETY...**

.. of high quality plugs, receptacles and accessories for the communications, power and control circuits of industry.

CANNON ELECTRIC

Since 1915

Please refer to Dept. 415

CANNON ELECTRIC COMPANY
LOS ANGELES 31, CALIFORNIA
Representatives in principal cities

CHASE BRASS & COPPER CO., 236 Grand St., Waterbury 20, Conn.—Branch Offices: 1706 Welton St. at 17th, Denver 2; 210 So. Central Ave., Los Angeles 54; 680 Second St., San Francisco 7, and 1957 First Ave. So., Seattle 4.

CHASE-SHAWMUT CO., 374 Merrimac St., Newburyport, Mass.—Garnett Young & Co., in following cities: 319 E. Washington Blvd., Los Angeles; 390 Fourth St., San Francisco; 1928 First Ave., So., Seattle, 1238 N.W. Glisan, Portland, and 6131 N. 18th Dr., Phoenix; Allen B. Carpenter Co., 820 12th St., Denver 4.

CHASE & SONS, INC., 19 Highland Ave., Randolph, Mass.—Brill Electric Sales, 447 Bryant St., San Francisco; L. M. Baxter Co., 1220 S.W. Stark, Portland and 1014 First Ave. So., Seattle.

CHELSEA FAN & BLOWER CO., INC., 639 South Ave., Plainfield, N. J.—Kenneth Anderson Co., 412 Seaton St., Los Angeles and 1503 S. First St., Phoenix; F. M. Nicholas Co., 714 Harrison St., San Francisco; W. W. Wheat & Son, 2219 Fourth Ave., Seattle 1; S. F. Buscarello, P. O. Box 1492, Denver.

CHATHAM ELECTRONICS DIV., GERA CORP., 630 W. Mt. Pleasant Ave., Livingston, N. J.—J. Trevor Downer, 6233 Hollywood Blvd., Hollywood 28.

CHERRY ELECTRICAL PRODUCTS CORP., 1650 Deerfield Road, Highland Park, Illinois—Dave M. Lee Co., 2517 Second Ave., Seattle; Joseph V. Belusko, 2712 Second Ave., Portland 10; James P. Hermans, 1234 Folsom St., San Francisco; Walter W. Cormar, 7432 W. 80th St., Los Angeles.

CHERRY RIVET CO., A Division of Townsend Co., 1224 E. Delhi Rd., Santa Ana, Calif.— E. C. Sterling, Jr., 151-G West Hillsdale Blvd., San Mateo, Calif.

CHESTER CABLE CORP., Chester, New York—Joseph Liner, 836 East 2nd St., Los Angeles; L. S. Reed & Co., 1018 Lawrence St., Denver 4; M. Levin, 2331 S.W. First St., Portland 1; Cliff-Price Co., 1010 S. Robertson Blvd., Los Angeles 35; The Curry Co., 736 18th Ave., San Francisco.

CHICAGO ELECTRIC MFG. CO., ("White Cross" Div.) 6333 W. 65th St., Chicago 38, Ill.—O. B. Wilt Co., 1355 Market St., San Francisco; L. B. Lamar, 1246 First Ave., South, Seattle 4; J. D. Sheehan & Associates, P.O. Box 1346, Dallas.

CHICAGO ELEC. MFG. CO., 6333 W. 65th St., Chicago 38, Ill. (Handyhot and Handyfreeze) — Earl H. Barker, Pacific Coast Manager, 2852 East 11th St., Los Angeles; A. L. Anderson, 1894 15th Ave., San Francisco; Ericksen-Gruber Co., 95 Connecticut St., Seattle, and 1633 N.W. 21st Ave., Portland; W. D. Sales (Morey White), 115 Bell-Aire St., Denver.

CHICAGO EXPANSION BOLT CO., 1338 W. Concord Pl., Chicago, Ill—James M. Owen Co., 1006 Lowman Bldg., Seattle; Seattle Screw Co., 84 University, Seattle; Portland Screw Co., 36 S.W. 3rd St., Portland; H. H. Hobelman, 225 Kansas St., San Francisco; Dillon Stevens & Co., 1348 Venice Blvd., Los Angeles.

CHICAGO HARDWARE FOUN-DRY CO., 2500 Commonwealth, No. Chicago, Ill.—H. C. Bell, 445 So. Central, Glendale, Calif.; R. S. Altmanns, 1238 N. Gilsan, Portland; Lester Davies & Co., 509 Lloyd Bldg., Seattle 1; D. L. Stage, 1127 Wilshire Blvd., Los Angeles; Empire Sales Agency, 1527 17th St., Denver.

CHICAGO METAL HOSE CORP., (See Flexonics Corp.)

CHICAGO PNEUMATIC TOOL CO., 6 E. 44th St., New York City —H. P. Hansen, 655 Santa Fe Ave., Los Angeles, and 855 Bryant St., San Francisco 3; R. S. McBeth, 1928 First Ave. So., Seattle 4.

CHICAGO STANDARD TRANS-FORMER DIV., Essex Wire Corp., 3501 W. Addison, Chicago, Ill.—Branch Office: 1077 Howard St., San Francisco; 2240 E. Washington Blvd., Los Angeles; J. T. Hill Sales Co., 800 W. 11th St., Los Angeles 15; E. L. Berman Co., 780 Natoma St., San Francisco.

CHICAGO TOOL & ENGINEER-ING CO., 8383 So. Chicago Ave., Chicago 17, Ill.—Sold thru all leading tool distributors all principal cities.

CHISHOLM-MOORE HOIST DIV., COLUMBUS McKINNON CHAIN CORP., Tonawanda, New York—T. F. Wallace, 820 Tenth St., San Farncisco 3, and 816 West 5th St., Los Angeles 13.

CHRYSLER CORP., Airtemp Div., 1600 Webster St., Dayton, Ohio—Branch Office: P. O. Box 600, c/o Dodge Plant, San Leandro, Calif.; Fay Holbrook, Inc., 165 8th St., San Francisco; 5400 Eastern St., Los Angeles.

CINCINNATI ELECTRICAL TOOL CO., Madison and Edwards Roads, Cincinnati, Ohio—M. F. Huseby, 2501 Yates Ave., Los Angeles 23; F. E. Wissing, 371 Drumm St., San Francisco; Pete Bach Electric, 1233 N.W. 12th Ave., Portland 9.

THE CINCINNATI TIME RE-CORDER CO., 1733 Central Ave., Cincinnati, Ohio—Branch Office, 2500 West Sixth St., Los Angeles S.W. Alder St., Portland; Time & 57; The Alder St. Clock Shop, 251 Instrument Co., 57 Richards St., Salt Lake City; Gerber Distributing Co., 1085 Santa Fe Drive, Denver; ABC Office Equipment, 212 So. Howard St., Spokane.

CIRCLE F. MFG. CO., 720 Mon-mouth St., Trenton, N. J.—Keeler White Co., in following cities: 302 N.W. 4th Ave., Portland; 1041 Sixth Ave. South, Seattle; Ray J. Noel Co., 4315 S. Western Ave., Los Angeles, and 1660 Mission St., San Francisco; Felix Simon, Box 614, Denver 1.

CIRCLE WIRE & CABLE CORP., 5500 Maspeth Ave., Maspeth, New York—Brill Electric Sales, 446 Bryant St., San Francisco; Agencies Company, 836 Traction Ave., Los Angeles; Electric Agencies, 618 Second Ave., Seattle.

CLANCY, INC., J. R., Clancy and Belden Ave., Syracuse 4, N. Y.—C. J. Holzmueller, Lighting, 1108 Howard St., San Francisco.

CLARAGE FAN CO., Kalamazoo, Mich. — Lee Updegraff, 406 S. Main St., Los Angeles; Chas. Martin & Co., 780 Natoma St., San Francisco; Preferred Equipment Co., 2615 Fifth Ave., Seattle; H. S. Parks, 1431 E. 21st South St., Salt Lake City; Mountain States Machinery Co., 1526 Blake St., Denver; Sebree Equipment Co., 610 N. 2nd St., Albuquerque; H. W. McKenzie, 100 N.E. Holladay, Portland; L. W. Worthington, 2916½ 1st Ave. N., Billings, Mont.

CLARE & CO., C. P. 3101 Pratt Blvd., Chicago 45, Ill.—Marshank Sales Co., 7422 Melrose Ave., Los Angeles 46; E. L. Berman Co., 780 Natoma St., San Francisco 3; C. B. Parsons & Co., 3028 First Ave., Seattle 1; R. E. McClendon, 3907 Central Ave. East, Albuquerque, N. M.; Fred A. Pease, P. O. Box 1566, Denver.

CLARK BROS. BOLT CO., Milldale, Conn.—Albert G. Baker, 337 Traction Ave., Los Angeles 13.

CLARK CONTROLLER CO., 1146 E. 152nd St., Cleveland 10, Ohio —Branch Office: The Clark Controller Co., 6035 E. Olympic Blvd., Los Angeles; F. G. Guthrie, 420 Market St., San Francisco; C. W. Silver, 550 W. 7th South St., Salt Lake City; Peterson Co., 4949 Colorado Blvd., Denver 16; Hirsch Bros. Machinery Co., 1901 Bassett Ave., El Paso; A. L. Polich & Associates, 5860 S.W. 18th Dr., Portland.

CLARK ELECTRIC CO., JAMES, 600 E. Bergman St., Louisville 3, Ky.—Zonne Electric Tool Co., 2226 So. San Pedro, Los Angeles; H. H. Hoffman, 1107 E. Pike, Seattle.

CLARK ELECTRONIC LABORA-TORIES, Box 165, Palm Springs, Calif.—Joy Mfg. Co., Los Angeles, San Francisco and Seattle.

CLARKE SANDING MACHINE CO., 57 Clay Ave., Muskegon, Mich.—Branch at 572 Valencia St., San Francisco; 4711 W. Washington Blvd., Los Angeles; 837 23 St., Denver, 530 So. State St., Salt Lake City and 3218 Western Ave., Seattle.

CLAROSTAT MFG. CO., INC., Washington St., Dover N. H.—Perlmuth Colman & Associates, 2419 So. Grand Ave., Los Angeles; W. H. Connors, 375 Birch St., Denver; Sam Stroum, 1612 Broadway, Seattle 22; Bill Kolans & Co., 101 San Felipe Ave., South San Francisco.

CLAYTON'S SONS, CO., FRANK B., 1227 11th St., Philadelphia, Pa.—Robert J. Arthur, 420 Market St., San Francisco.

CLAYTON MARK & CO., 1900 Dempster St., Evanston, Ill.—Hodges & Glomb, 921 Bryant St., San Francisco; J. J. Rutkin, 935 Stanford Ave., Los Angeles; W. E. Young Co., 2134 Curtis St., Denver.

CLEMENTS MFG. CO., 6650 So. Narragansett, Chicago, Ill. — Dalco Appliance Co., 7th and Townsend Sts., San Francisco; Dalco Appliance Co., 6th and Que Sts., Sacramento; Marshall-Wells Co., Seattle and Portland; Walter B. Lloyd, 850 S. Main St., Salt Lake City; Globe Electric Co., 307 1st Ave. S., Seattle; Harry L. Shane Co., Los Angeles.

CLEMSON BROS., INC., Middle-town, N. Y.—Edward F. Bule, 12849 Milbank, North Hollywood, Calif.; William S. Sprague, 944 Ogden, Denver, Colo.

CLETRON, INC., 1974 E. 61st St., Cleveland, Ohio—Harry A. Lasure Co., 9041 W. Pico Blvd., Los Angeles 35; Logan Sales Co., 154 8th St., San Francisco 3; C. B. Parsons, 3028 First Ave., Seattle 1.

CLEVELAND CRANE & ENG. CO., 5866 E. 289th St., Wickliffe, Ohio — Cleveland Tramrail Calif. Co., 110 Freeway Blvd., San Francisco and 4700 District Blvd., Los Angeles; Cleveland Tramrail Denver Co., 1700 Fifteenth St.; Englewood, Colo.; Cleveland Tramrail Utah Co., Atlas Building, Salt Lake City; Nelson P. Leonard, 5764 28th Ave. N.E., Seattle; N. C. Sherman, Ltd., 1156 W. Pender St., Vancouver, B.C.

CLEVELAND DIESEL ENGINE DIV. GMC., 2160 W. 106th., Cleveland, Ohio—Branch Offices: 445 Harrison St., San Francisco, 438 Marine Ave., Wilmington, Calif., 3676 South East Martins, Portland; Evans Eng. & Equipt., 1230 Westlake North, Seattle.

CLEVELAND WORM & GEAR CO., FARVAL CORP., 3249 East 80th St., Cleveland 4, Ohio—(See Farval Corp.)

CLEVITE CORP., 3405 Perkins Ave., Cleveland, Ohio—Gerald B. Miller, 1550 No. Highland, Hollywood 28, 1334 Old Country Road, Belmont, Calif.; James L. Kearns Co., 6605 N.E. Glisan St., Portland 14.

CLIFTON CONDUIT CO., INC., 75 Montgomery St., Jersey City, N. J.—Michel Bros., 1015 E. 16th St., Los Angeles; Baxter Co., 101 Kansas St., San Francisco; Northwestern Agencies, 4130 First Ave., So. Seattle; Northwest Sales Co., 1603 N.W. Johnson St., Portland; Electrical Eng. & Sales Co., 203 Texas St., El Paso; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver 4; J. C. Coulson, P.O. Box 1366, Phoenix.

CLIFTON MFG. CO., INC., 34 Topallian Mattapan, Boston 26, Mass.—Harold M. Ross, 420 Market St., San Francisco; Hargrove-Green Co., 5429 Alhambra Ave., Los Angeles; Reitz Sales Co., 1324 Bellaire St., Denver; Pacific Electric Sales Co., 140 S. E. 28th Ave., Portland.

CLIFTON PRECISION PRODUCTS CO., INC., Marple at Broadway, Clifton Heights, Penna.—Enright Engineering Co., 928 W. Kensington Road, Los Angeles 26.

COAST ELECTRIC & MFG. CO., 1733 N.E. 7th Ave., Portland.

COAST LIGHTING PRODUCT CO., 320 Judah St., San Francisco.

COATES ELECTRIC MFG. CO., 3419 11th Ave. So., Seattle 4, Wash.—Aveco, 252 Tehema St., San Francisco; Stephen A. Welsh, 533 E. 31st St., Los Angeles; Larry Harrington Co., 1970 N.W. Lovejoy, Portland; Bill Hansen, 2470 Ardmore Road, San Marino, Calif.; Heating Assurance, 124 E. Augusta, Spokane; Binta Co., 433 W. 3rd, So., Salt Lake; Carson Crockery, 1301 Wazee St., Denver.

COCHRANE CORPORATION 3130 No. 17th St., Philadelphia, Pa.—B. F. Soffe, Western Sales Mgr., 6399 Wilshire Blvd., Los Angeles; C. C. Moore & Co., Engineers, 450 Mission St., San Francisco, and following cities: 1111 Wilshire Blvd., Los Angeles; 409 Luhrs Bldg., Phoenix; 1120 Falling Bldg., Portland, and 417 Smith Tower, Seattle; G. M. Wallace & Co., 313 Denham Bldg., Denver, and Dooly Bldg., Salt Lake City.

CODE PRODUCTS CORP., 214 Kalos St., Philadelphia, Pa.—Schueler & Weston, 923 E. 3rd St., Los Angeles; M. Levin, 2438 S.W. 4th Ave., Portland 1.

COFFING HOIST DIV., DUFF-NORTON CO., 800 Walter St., Danville, Ill.—Ralph Ratcliff, 1800 Sunnyslope Ave., Belmont, Calif.; Ray Doan, 2254 Goldsmith Road, Houston, and F. R. Eisner, 842 S. York, Denver.

COLE & CO., INC., C. W., 320 E. 12th St., Los Angeles 15, Calif.—Dan H. Radke Co., 754 Natoma St., San Francisco; Wm. Benndorf Co., 401 W. Jackson St., Phoenix; Edw. L. Peterson Co., 722 Bank of America Bldg., San Diego 1; The Norwest Co., 330 Second Ave. West, Seattle 99; W. H. Cress Co., 201 Concord Bldg., Portland 4, Ore.

COLE ELECTRIC COMPANY, 8439 Steller Dr., Culver City, Calif.—Earl S. Condon Co., 3460 Wilshire Blvd., Los Angeles 5; Fred W. Carlson, 1201 Dexter, Seattle 9; J. Edward Edstrom, 935 N. W. 12th, Portland; A & A Supply Co., 114 Morningside, N.W., Albuquerque, N. M.; Overseas Operating Ltd., 354 S. Spring St., Los Angeles 13.

COLLYER INSULATED WIRE CO., 249 Roosevelt Ave., Pawtucket, R. I.—Allied Industries, Inc., 412 Seaton, Los Angeles, Calif.; The Baxter Co., 101 Kansas St., San Francisco 3. (See ad page 17.)

COLONIAL ELECTRIC PROD-UCTS, INC., 1-115 Market St., East Paterson, N. J.—Robt. C. Brinkley Co., 1008 Western Ave., Seattle 4.

COLONIAL-PREMIER CO., 466 W. Superior St., Chicago, Ill.—Ted Koff, 1595 33rd Ave., San Francisco; John Phillips, 8811 Beverly Blvd., Los Angeles.

COLSON CORPORATION, N. Cedar St., Elyria, Ohio—Colson Equipment & Supply in Los Angeles and San Francisco; R. H. Brown Co., Seattle and Portland; Armstrong Equipment & Supply, Denver.

COLUMBIA CABLE & ELECTRIC CORP., 255 Chestnut St., Brooklyn, N. Y.—Robt. R. Prussia Co., c/o Central Warehouse, 524 Second St., San Francisco; Frank H. Bran Co., 607 E. 6th St., Los Angeles; The Sanderlin Co., 120 First Ave. W. Seattle and 201 S.E. Washington, Portland. (See adv. inside front cover.)

COLUMBIA ELECTRIC & MFG. CO., N. 2310 Pancher Way, Spokane, Wash. — General Electric Supply Corp., all cities; W. J. Ashton, Rialto Bldg., San Francisco; J. E. Phillips, 700 Turner St., Los Angeles; H. A. Gardner, 575 Dexter Horton Bldg., Seattle; R. B. Cooper, P. O. Box 356, Murray, Utah.

COLUMBIA ELECTRIC MFG. CO., 4519 Hamilton Ave., Cleveland 14, Ohio—The James L. Kearns Co., 6055 N.E. Glisan, Portland 13;

Belilove Company, 420 Market St., San Francisco 11; Brenner-Fiedler & Associates, 661 N. Spaulding Ave., Los Angeles 36.

COLUMBIA - GENEVA STEEL DIV., U. S. Steel Corp., R. W. Seely, V.P. (Charge Sales), Russ Bldg., San Francisco 4—F. S. Howard, Dist. V.P., 2087 E. Slauson Ave., Los Angeles; M. H. Freedman, Dist. V.P., 2345 N.W. Nicolai St., Portland 8, and 1331 3rd Ave. Bldg., Seattle; R. H. Maddan, Jr., Dist. V.P., Russ Bldg., San Francisco; J. W. Rimmer, Mgr. Sales, Walker Bank Bldg., Salt Lake City.

COLUMBIA INDUSTRIES, INC., 2nd and Maple Sts., Columbia, Pa.—The Curry Co., 736 18th Ave., San Francisco 22; Electric Agencies, 618 Second Ave., Seattle 4.

COLUMBIA METAL BOX CO., 260 E. 143rd St., New York City 51—George A. Gray Co., 2720 17th St., San Francisco.

COLUMBIA WIRE & SUPPLY CO., 2850 W. Irving Park Road, Chicago, Ill.—Lee H. Owens Co., 2331 W. Washington Blvd., Los Angeles.

COMAR ELECTRIC CO., 3349 W. Addison, Chicago 18, Ill.—M. A. Stolaroff, 4622 W. Slauson Ave., Los Angeles 43; David H. Ross Co., 534 El Camino Real, San Carlos; Hyde Sales Co., 3250 S. Dexter St., Denver 22.

COMBUSTION CONTROL Div., Electronics Corp. of America, 718 Beacon St., Boston 15, Mass.—Representatives: Automative Control & Equipment Co., 1925 Blake St., Denver and 4607 Lomas Blvd., Albuquerque; W. R. Norte Co., 2225 North East Broadway, Portland; Cone and Wallace, 650 W. Vermont Ave., Phoenix; Leonard Slusser, 318 Dooly Bldg., Salt Lake City; R. H. Liniger Co., 1500 Westlake Ave. North, Seattle; East Point Sales, West 905 Riverside Ave., Spokane.

COMBUSTION ENGINEERING INC., 200 Madison Ave., New York—Branch offices: 510 W. 6th St., Los Angeles; 155 Sansome St., San Francisco; 2124 Broadway, Denver

COMMERCIAL ENCLOSED FUSE CO. of N.J., 6812 Polk St., Guttenberg, N.J.—Electric Agencies, 618 2nd Ave., Seattle; Agencies Co., 836 Traction Ave., Los Angeles.

COMMERCIAL FILTERS CORP., 2 Main St., Melrose, Mass.—Montgomery Bros., 1122 Howard St., San Francisco; 2113 S. San Pedro, Los Angeles; 911 Western Ave., Seattle; 1632 N.W. Johnson St., Portland.

COMMERCIAL REFLECTOR & MFG. CO., 3109 Maple Ave., Los Angeles, Calif.

COMMONWEALTH ELECTRIC & MFG. CO., 83-105 Boston St., Boston, Mass. — Montgomery Brothers in following cities: 1122 Howard St., San Francisco; 2113 S. San Pedro, Los Angeles; 1632 N.W. Johnson St., Portland, and 911 Western Ave., Seattle.

COMMUNICATION ACCESSORIES CO., Red Bridge Road, Hickman Mills, Mo.—Sam Jewett, 13537 Addison St., Sherman Oaks, Calif.

COMMUNICATIONS MEASUREMENTS LABORATORY, INC., Plainfield, N.J. — Joe Davidson and Associates, 2803 Los Flores Blvd., Lynwood, Calif.

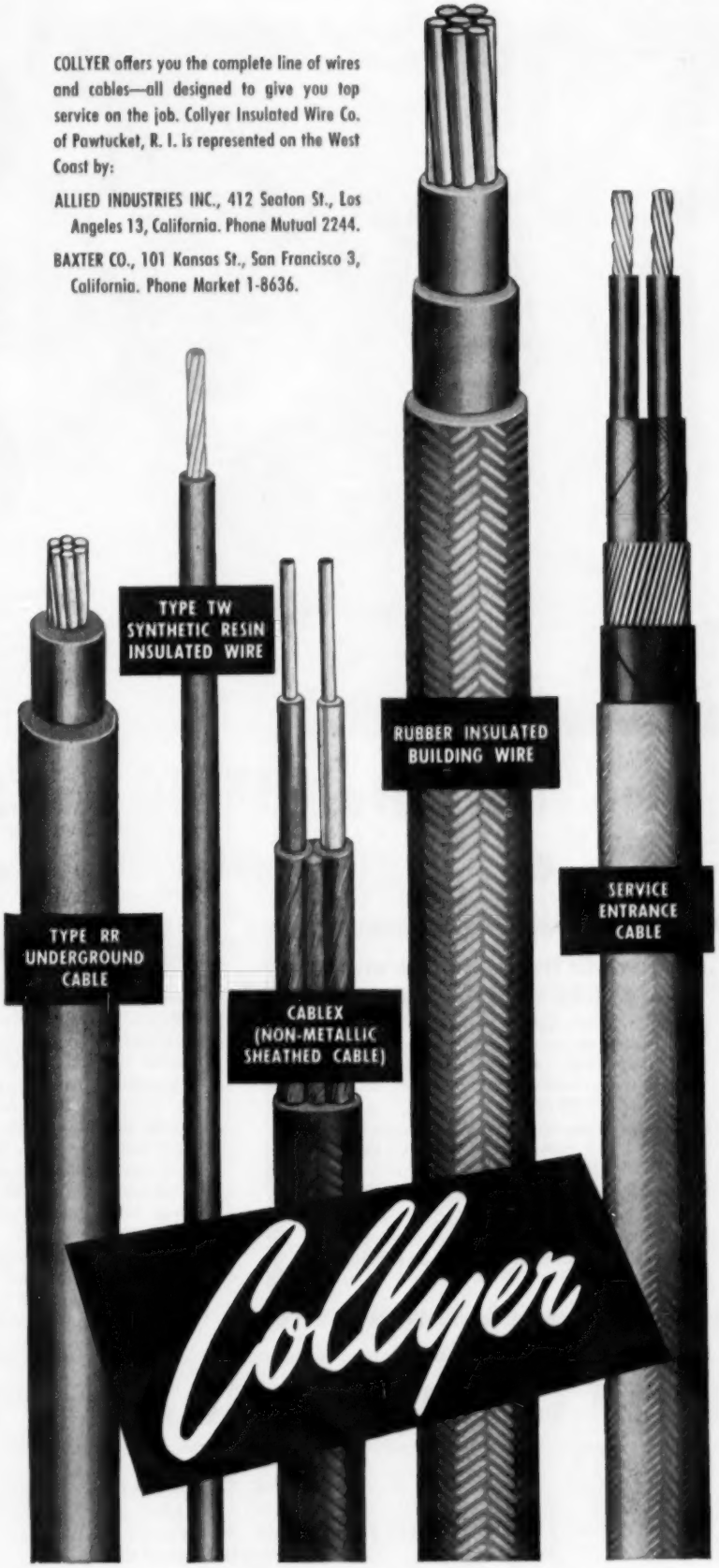
COMMUNICATION PRODUCTS CO. INC., Highway 79, Marlboro, N.J.—General Electric Supply Co. and Graybar Electric, all principal cities.

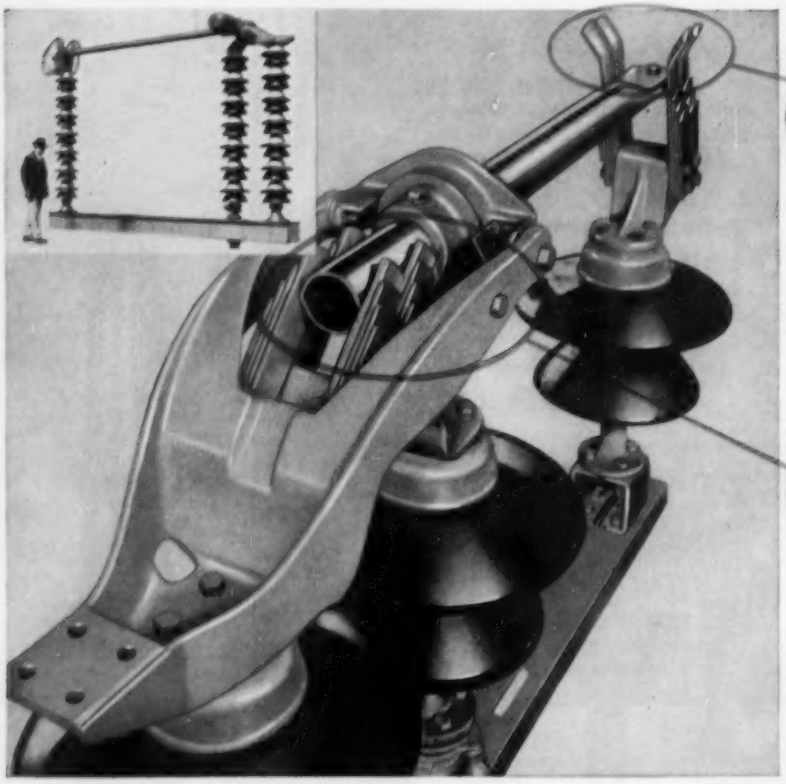
COMPCO CORPORATION, 2251 W. St. Paul Ave., Chicago 47, Ill.—Sold thru recognized wholesale electrical distributors.

COLLYER offers you the complete line of wires and cables—all designed to give you top service on the job. Collyer Insulated Wire Co. of Pawtucket, R. I. is represented on the West Coast by:

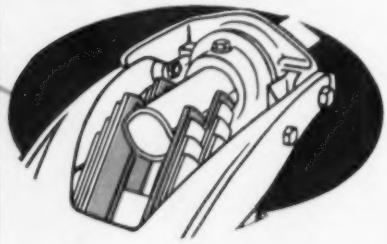
ALLIED INDUSTRIES INC., 412 Seaton St., Los Angeles 13, California. Phone Mutual 2244.

BAXTER CO., 101 Kansas St., San Francisco 3, California. Phone Market 1-8636.





Rolled copper contact shoes carry the current independent of sturdy beryllium alloy pressure-applying springs. MK-40 Switches take full advantage of electrical and mechanical characteristics of materials used.



Identical contact at hinge end illustrates large spring deflection. This maintains firm, uniform contact pressure during years of service. There are no other springs or moving contact surfaces. Metals at point of contact are corrosion and abrasion-resistant silver-to-copper.

You may prefer MK-40 Air Switches on Contact Performance alone

and benefit from all these other MK-40 advantages

- Simplified, factory sealed blade operating mechanism which raises and twists the blade when opening. Develops maximum force where most needed. Blade is locked in both open and closed position.
- These switches have the same simple basic design in all rated sizes: 7.5 kv to 380 kv, 400 to 5000 amperes.
- Greaseless non-rusting rotating insulator bearings.
- Fully adjustable operating mechanism parts with pipe piercing set screws to eliminate slippage.

A vital feature of MK-40 switches is their contact efficiency. They provide safe, direct current flow with minimum of current interchange surfaces. They retain uniform contact pressure throughout years of service. They readily withstand year-round weather and corrosive atmospheric conditions. They permit visual inspection and easy maintenance.

Contacts are high pressure silver-to-copper *at both ends* of the tubular blade. This logically, simply eliminates flexible shunts. Silver-to-copper resists corrosion and abrasion. Rolled or drawn sections, used throughout blade and contact assembly, are excellent heat conductors. They have ample volume to carry away heat generated under short circuits—for *efficiency and safety.*

The same basic contact design is proved in service on all DELTA-STAR MK-40 Switches—from 400 to 5000 amperes and from 7.5 to 380 kv. They will prove their special value to you.

When you want the best in high voltage switches specify the MK-40

DELTA-STAR ELECTRIC DIVISION

HKP

H. K. PORTER COMPANY, INC.
OF PITTSBURGH
2437 Fulton Street • Chicago 12, Illinois
District Offices in Principal Cities

CONANT LABORATORIES, 6500 O St., Lincoln, Nebr.—Don C. Wallace, 1206 Maple Ave., Los Angeles.

CONDENSER PRODUCTS CO., Div. New Haven Clock and Watch Co., 140 Hamilton St., New Haven, Conn.—J. E. Hachten Co., 8413 Las Tunas Dr., San Gabriel, Calif.; Dave M. Lee, 2517 Second Ave., Seattle.

CONDUIT NIPPLE MFG. CO., 1455 Spring Garden Ave., Pittsburgh, Pa.—George A. Gray Co., 2720 17th, San Francisco 10; Pacific Electric Sales Co., 140 S.E. 28th Ave., Portland; Keeler White Co., 436 Coylton Ave., Los Angeles.

CONDUIT PIPE PRODUCTS CO., 153 W. Fulton St., Columbus, Ohio — Northwestern Agencies, 4130 First Ave., So., Seattle 4, Wash.; J. J. Schaller, 845 Traction Ave., Los Angeles 13; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver; Eckert Lloyd Co., 1225 Sixth St., San Francisco. (See adv., page 68.)

CONGRESS DRIVES — Div. Tann Corp., 3750 East Outer Drive, Detroit, Mich.—Ed Lokey, 10340 N.E. Sandy Blvd., Portland; C. C. Warner, 3063 Albion St., Denver 7; Robert B. Franklin, c/o 1310 North 21st Ave., Phoenix; M. N. Thackaberry, Inc., (Master Distr.) 304 East 3rd St., Los Angeles 13; Oscar M. A. Rona, (Factory Sales), 517 S. Mariposa Ave., Los Angeles 5.

CONNECTICUT ELECTRIC & MFG. CO., Main St., Bantam, Conn.—Wm. Weston & Co., 1301 47th Ave., San Francisco, Calif.

CONNECTICUT TELEPHONE & ELECTRIC CORP., 70 Britannia St., Meriden, Conn. — Robt. J. Arthur, 420 Market St., San Francisco; Rollins Electric Co., 804½ S. Atlantic Blvd., Monterey Park, Calif.; Selo Electric Const. & Eng. Corp., 1050 N. 38th St., Seattle.

CONNECTICUT VALLEY ENTERPRISES, INC., Deep River, Conn. —Garnett Young & Co., 390 Fourth St., San Francisco, and offices in Los Angeles, Portland, Seattle and Phoenix.

CONNOR ENGINEERING CORP., W. B., 114 E. 32nd St., New York City—Preferred Equipment Co., Inc., 5442 Jillson St., Los Angeles; Fred W. Berger, Jr., 57 Post St., San Francisco; R. E. Chase & Co., in following cities: 1220 S.W. Stark, Portland; 501 Hyde Bldg., Spokane, and 418 Tacoma Bldg., Tacoma; C. A. Crosta, Inc., Denver; Albuquerque Eng. Co., 2722 Hyder Dr., Albuquerque.

CONOFLOW CORP., 2100 Arch St., Philadelphia, Pa.—S. R. Brown, 12153 Ventura Blvd., Studio City, Calif.; Instrument Sales Co., 2137 Second Ave., Seattle, and 233 N.E. 28th St., Portland 15; Milton Frank Co., 420 Market St., San Francisco.

CONRAC, INC., 19217 E. Foothill Blvd., Glendora, Calif.—Burt C. Porter Co., 4310 Roosevelt Way, Seattle; R. E. Osborne, 1044 S. Parkview, Los Angeles; McLoud & Raymond Co., 5528 E. Colfax Ave., Denver 20; Frank Koessler Sales, 2826 Geary Blvd., San Francisco 18.

CONRAD, INC., 141 Jefferson St., Holland, Mich.—Raymond Kimball, 35 No. Raymond Ave., Pasadena, Calif.

CONSOLIDATED WESTERN STEEL DIV.—United States Steel Corp., P. O. Box 2015 Terminal Annex, Los Angeles 54, Calif.—Branch Offices 120 Montgomery St., San Francisco; 2421 California Ave., Fresno; 1729 Exchange Bldg., Seattle; 1710 Oak St., Bakersfield; 600 W. Grant St., Phoenix.

CONTINENTAL CARBON, INC., 13900 Lorain Ave., Cleveland, Ohio—Moulthrop & Hunter, 165 11th St., San Francisco; W. Bert Knight Co., 10373 W. Pico Blvd., Los Angeles; Leonard L. Minthorne Co., 7521 N.E. Glisan, Portland.

CONTINENTAL-DIAMOND FIBRE DIV., Budd Co., Inc., S. Chapel St., Newark 14, Del.—Marwood Limited, 357 9th St., San Francisco 3; 320 E. Third St., Los Angeles 13; 1714 First Ave. South, Seattle 4; 209 S.W. First Ave. Portland 4.

CONTINENTAL ELECTRIC CO., 715 Hamilton St., Geneva, Ill.—Alfred W. Harris, 3348 W. Compton Blvd., Gardena, Calif.; C. B. Parsons & Co., 3028 First Ave., Seattle.

CONTINENTAL ELECTRIC CO., INC., 325 Ferry St., Newark 5, N.J.—Branch: 1709 W. 8th St., Los Angeles 17.

CONTINENTAL ELECTRIC EQUIPMENT CO., 10 Kenner St., Ludlow, Ky.—J. E. Teegardin, 1702 C. Fair Oaks Ave., South Pasadena, Calif.; McLoughlin Co., P.O. Box 3255 Terminal Annex, Los Angeles 54; Fred W. Carlson, 2307 5th Ave., Seattle; Walter Wallace Co., 445 Bryant St., San Francisco.

CONTINENTAL RADIANT GLASS HEATING CORP., 1 E. 35th St., New York City—Glassheat of Arizona, 2143 No. Country Club Rd., Tucson; Saxon Enterprises, Inc., 5873 Franklin Ave., Los Angeles 28; Joe Howe Elec., 4682 E. Olive, Fresno; T. L. Rosenberg, 708 Fourth Ave., Oakland; Robert Morris, 1124 W. Carson, Torrance, Calif.; Davis-White Co., 17032 Aurora Ave., Seattle 33; Glassheat Co. of Longview, 1023 15th Ave., Longview; Glassheat of Southern Oregon, 619 E. Jackson Blvd., Medford; Nelson Distributing Co., 5634 S.E. Center, Portland 6; Glassheat Inc. of Spokane, 9 E. Empire, Spokane; Radiant Glassheat of Tacoma, Inc., 3710 6th Ave., Tacoma 6.

CONTINENTAL SILVER CO., INC., 32 33rd St., Brooklyn, New York—Irving H. Richter, 137 So. Lafayette Park Pl., Los Angeles.

CONTINENTAL WIRE CORP., P. O. Box 363, Wallingford, Conn.—Tri-State Supply Co., 544 S. San Pedro, Los Angeles and 554 Bryant St., San Francisco; The Sanderlin Co., 201 S.E. Washington St., Portland and 129 First Ave. West, Seattle.

CONTROL CELLS CORP., Wichita, Kansas—Empire Engineering Co., 385 E. Green St., Pasadena 1, Calif.

CONTROL CORPORATION, 718 Central Ave., Minneapolis, Minn. —Garland-Affolter Eng. Co., in following cities: 58 Sutter St., San Francisco; 2603 Western Ave., Seattle; 1233 N.W. 12th Ave., Portland; Slaybaugh - Thompson Co. 100 W. 13th Ave., Denver; Frank W. Gorman, P. O. Box 223, El Paso.

CONTROL ENGINEERING CORP., Canton, Mass.—J. T. Hill Sales Co., 800 W. 11th St., Los Angeles 15; Gates Co., 200 South Main St., Salt Lake City; Burt C. Porter Co., 4310 Roosevelt Way, Seattle.

CONTROL PRODUCTS, INC., 806 Sussex, Harrison, N. J.—Eastman Pacific Co., 2320 E. 8th St., Los Angeles; Burt C. Porter Co., 4310 Roosevelt Way, Seattle.

CONVEYOR CO., 3260 E. Slauson Ave., Los Angeles.

COOK ELECTRIC CO., 2710 N. Southport Ave., Chicago 14, Ill.—Kellogg Switchboard & Supply, 1663 Mission St., San Francisco.

COOLERATOR CO., THE, 128 W. 1st St., Duluth, Minn.—Branch Offices: W. A. Kuehlthau, Dist. Sales Manager, 7309 50th Ave. N.E. Seattle 5; Glenn Earl, Inc., 245 So. 1st West, Salt Lake City; Schafer-Wright, Inc., 1231 N.W. Hoyt Ave., Portland; Seattle Radio Supply, Inc., 2117 Second Ave., Seattle; True's Dist. Co., N. 730 Hamilton St., Spokane.

COOPER HEWITT ELECTRIC CO., 720 Grand St., Hoboken, N. J.—Shannon Luminous Materials Co., 7356 Santa Monica Blvd., Hollywood 46, Calif.; Lee Kaufman, 72 Sacramento St., San Francisco.

COOPER THERMOMETER CO., Main St., Pequabuck, Conn.—Littrell Lines, 1432 South Los Angeles St., Los Angeles 15; Von Stetten Associates, 1355 Market St., San Francisco 3; James P. Stewart, 321 N.W. Flanders, Portland.

CO-OPERATIVE UTILITIES CO., INC., 4639 Mulberry St., Philadelphia 24, Pa.—Electric Agencies, 6420 Salem St., Oakland; H. G. Rising, 151 N. Vermont Ave., Los Angeles and Fletcher Elec'l Specialty Co., 611 W. Pico Blvd., Los Angeles; Advance Tool Supply Co., 3056 24th St., San Francisco; L. L. Burror, 1126 8th Ave., Oakland.

T. J. COPE, INC, 711 South 50th St., Philadelphia, Pa.—George E. Honn Co., 420 Market St., San Francisco; Hamilton Associates, 1236 Elati St., Denver; H. J. Randolph Co., 736 Santa Anita St., San Gabriel, Calif.; Fred W. Carlson, 1201 Dexter Ave. Seattle 1; 935 North West 12th Ave., Portland.

COPELAND REFRIGERATION CORP., Sidney, Ohio—John L. Zant, 4956 Crown Ave., La Canada, Calif.

COPPERWELD STEEL, Glassport, Pa.—Branch Offices: A. B. Leach, Dist. Mgr., 916 Filip Road, Los Altos, Calif.; L. E. McGuire, Dist. Mgr., 10219 N.E. 30th Place, Bellevue, Wash.

CORNELL DUBILIER ELECTRIC CORP., South Plainfield, N. J.—George E. Honn Co., 420 Market St., San Francisco; W. C. King, 2300 E. 27th St., Los Angeles 58; W. J. Cottrell, 4000 S.W.Macadam Ave., Portland 1; Muth-Richards Co., 1804 Bush Place, Seattle 44; Ritter Engineering Co., Kearns Bldg., Salt Lake City; Tinling & Powell, 7 E. 706 Sprague Ave., Spokane 8.

CORNING GLASS WORKS, Corning, N. Y.—Branch Office: 1255 Market St., San Francisco; Technical Products Div.; H. H. Hobelmann Co., 225 Kansas St., San Francisco.

CORNISH WIRE CO, INC., 50 Church St., New York City—J. M. Fincke (all of Calif.) 1848 N. Main St., Los Angeles 31 and 782 Byrant St., San Francisco; The Sanderlin Co., 129 First Ave. W, Seattle 99; A. J. Nelson Co., Box 5502, Denver 12.

CORY CORPORATION, 221 N. La Salle, Chicago, Ill.—Thomas A. Payton, 882 La Para Ave., Palo Alto, Calif.; Arthur H. Huot, 2322 McGilvia Blvd., Seattle; Harold L. Norton, 201 Magellan Road, Arcadia, Calif.

COTTRELL PAPER CO., INC., Rock City Falls, N. Y.—Tri-State Supply Corp., in following cities: 544 S. San Pedro St., Los Angeles; 554 Bryant St., San Francisco; 318 Occidental Ave., Seattle 4, and Electric Motor Supply Co., 1646 Blake st., Denver; J. R. Christiansen Agency, 247 East 5th So., Salt Lake City 2.

COUCH CO., INC., S. H., 3 Arlington St., North Quincy, Mass. —Garnett Young & Co., in following cities: 390 4th St., San Francisco; 319 E. Washington Blvd., Los Angeles; 1928 First Ave. So., Seattle; 1288 N.W. Glisan St., Portland, and 6131 North 18th Drive, Phoenix; J. B. Christensen, 247 E. Fifth, South St., Salt Lake City; Gregg N. Cloos & Co., 978 Garfield St., Denver 6.

COUNTER & CONTROL CORP., 5225 W. Electric Ave., Milwaukee, Wis.—Campbell & George Co., 379 Brannan St., San Francisco; Hollis Jewell Co., 806 Foster Drive, Los Angeles.

COX & CO., INC., 115 E. 23rd St., New York City — Montgomery Bros., 1122 Howard St., San Francisco; 2113 S. San Pedro, Los Angeles; 911 Western Ave., Seattle; 1632 N.W. Johnson St., Portland.

COX AND STEVENS AIRCRAFT CORP., Glen Cove Road, Mineola, New York—Empire Engineering Co., 385 E. Green St., Pasadena 1, Calif.

CRAMER CO., INC., THE R. W. Centerbrook, Connecticut—H. E. Held, 147 10th St., San Francisco 5; Allen I. Williams Co., 124 W. 12th Ave., Denver 2, and 210 Cagua Drive N.E., Albuquerque; Milton A. Stolaroff, 4622 W. Slauson Ave., Los Angeles 43; Stand-and Electric Sales, 1731 First Ave. So., Seattle.

CRESCENT CO. INC., Central Ave. & Front St., Pawtucket, R. I.—John Paul Jones, Western Zone Mgr., Carol Cable Co., c/o Jack Payne, 431 Colyton, Los Angeles 13.

CRESCENT INSULATED WIRE & CABLE CO., North Olden Ave., Trenton, N. J.—Murphy-Hain Co., 720 E. 2nd St., Los Angeles 12; Shaffer & Nelson Co., 312 Occidental Ave., Seattle 4, and 1204 N.W. Glisan St., Portland 9.

CRESCENT TOOL CO., 200 Harrison St., Jamestown, N. Y.—Sold thru all leading hardware jobbers.

CRESCENT VALVE CO., 611 Shirley Ave., El Monte, Calif.—Distributor, Barksdale Valves, 5125 Alcoa Ave., Los Angeles 58.

CRISE CONTROLS DIV., The Aero Mfg. Co., 2040 E. Main St., Columbus, Ohio—Fred F. Alleman, 1709 W. 8th St., Los Angeles 14; C. B. Parsons, 3028 First Ave., Seattle; R. H. Fisher Sales Co., 30 Harriet St., San Francisco.

CRITTENDEN TRANSFORMER WORKS, 1220 Nadeau St., Los Angeles 1, Calif.

CROCKER-WHEELER DIV.—(See Elliott Co.)

CROUSE-HINDS CO., Wolf and 7th North Sts., Syracuse, N. Y.—Branch Offices: W. R. Major, Jr., Regional Manager, 370 Brannan St., San Francisco; H. L. White, Div. Mgr., and H. E. Riggs, Regional Mgr., 510 Petroleum Bldg., Los Angeles; F. A. Waker, 212 N.W. 14th Ave., Portland; L. F. Busse, Regional Mgr., 566 Broad St., Seattle; T. J. Vieau, 1156 Bannock St., Denver.

CROWLEY CO. INC., HENRY L.—1 Central Ave., West Orange, N. J.—Aerovox Pacific Coast Div., 2724 S. Peck Rd., Monrovia, Calif.

CROWN BROILER CO. (See Broil Quick.)

CROWN INDUSTRIAL PRODUCTS CO., 713 Amsterdam St., Woodstock, Del. — Tri-State Supply Corp., 544 S. San Pedro, Los Angeles 13; 554 Bryant St. San Francisco 7 and 318 Occidental Ave., Seattle 4; Insulation & Wires, Inc., 2240 E. Washington Blvd., Los Angeles and 1077 Howard St., San Francisco; Machinery Sales Co., P. O. Box 315, Salt Lake City.

C. E. INGALLS AND SONS
Factory Representatives
541 Monadnock Bldg. San Francisco 5, Calif.
GArfield 1-2916

DELTA-STAR ELECTRIC DIVISION
H. K. Porter Co.
High Voltage Equipment

G & W ELECTRIC SPECIALTY CO.
Underground Equipment

KELMAN ELECTRIC & MFG. CO.
Oil Circuit Breakers

LAPP INSULATOR CO.
Porcelain Insulators

J. H. BRUNDAGE
REPRESENTING
288 Seventh St.,
San Francisco 3
Phone: MArket 1-2001
Day-Brite Lighting, Inc.
Rambusch

CRUCIBLE STEEL CO. OF AMERICA, Oliver Bldg., Pittsburgh 30 Pa.—Branch Offices: 2050 Bryant St., San Francisco 10; 2635 Walnut St., Denver 5; 2755 First Ave. So., Seattle 4; G. T. Fraser, Western Sales Mgr., 3338 So. Malt St., Los Angelez 22.

CUMMINS POWER TOOLS, Div. of John Oster Mfg. Co., 5055 N. Lydell Ave., Milwaukee, Wis.—Allen B. Carpenter Co., 820 12th St., Denver; Charles G. Putnam Co., 3829 N.E. 28th St., Portland; 4563 Valley Blvd., Los Angeles 32; 1355 Market St., San Francisco; Claude Herbert, 1431 So. Los Angeles St., Los Angeles 13, and Leroy Herbert, 855 Stevenson St., San Francisco 3; Oster Factory Service: 2214 First Ave., Seattle.

CURTIS DEVELOPMENT & MFG. CO., 3266 N. 32rd St., Milwaukee, Wis.—M. A. Stolsroff, 4614 Northridge Dr., Los Angeles; A. J. Nelson, Box 5502, Denver; C. B. Parsons, 3028 First Ave., Seattle 1; Chas. A. Meier Co., 1478 Harrison St., San Francisco 3.

CURTIS LIGHTING, INC., 6135 W. 65th St., Chicago, Ill.—W. K. Turner, Terminal Sales Bldg., Seattle 1.

CUTLER-HAMMER, INC., 284 N. 12th St., Milwaukee, Wis.—Branch Offices: 2130 3rd St., San Francisco; 1795 Pasadena Ave., Los Angeles 31; 2946 Michigan Ave., Fresno and 4540 Cabrillo Way, Sacramento 20; 619 8th Ave., South, Seattle 4; 208 S.W. Stark St., Portland 4; 1031 15th St., Denver 2; Ed Warburg Co. (Switches) 1207 E. 8th, Los Angeles.

D. & H. ELECTRIC CO., 2827 Alturs Ave., La Crescenta, Calif.—G. M. Howard Associates, 1282 Folsom St., San Francisco 7; John M. Fincke, 1848 North Main, Los Angeles; W. H. Cress Co., 201 Concorn Bldg., Portland.

D O INDUSTRIAL PRODUCTS, 542 S. Dearborn St., Chicago 5, Ill.—Fred D. Benz Co., 444 Brannan St., San Francisco 7.

DV WELDING CONTROLS, 3969 Piedmont Ave., Oakland 11, Calif.

DAGE ELECTRIC CO., INC., 67 N. 2nd Street, Beech Grove, Ind.—V. T. Rupp Co., 2230 West 11th, Los Angeles; E. L. Berman Co., 758 Natoma St., San Francisco; Ron Meredith, 120 W. Thomas St., Seattle.

DAILEY MOTOR CO., 440 High St., Oakland, Calif.

DALE PRODUCTS, INC., 1356 28th Ave., Columbus, Nebr. — Thomas L. Stevens Co., 5333 So. Sepulveda Blvd., Culver City, Calif.; W. V. Brainard Co., 3869 Greenwood Ave., Oakland, Calif.; C. G. Electronics Corp., 305 Dallas, N. E. Albuquerque; J. K. Dooley Co., 3606 Magnolia Blvd., Seattle; Allen I. Williams Co., 124 W. 12th Ave., Denver.

DALY ELECTRIC CO., 1825 E. Jefferson, Phoenix, Ariz.—Paul Hubbard, 2121 Sunland Vista, Tucson, Ariz.

DANBURY-KNUDSEN, INC., Danbury, Conn. — Western Enterprises, Inc., P.O. Box 1116, Gardena, Calif.

DANIELSON MFG. CO., Danielson, Conn.—Jules D. Gratiot, 1101 Riverside Dr., Los Angeles 31.

DAVEN CO., 530 W. Mt. Pleasant Ave., Livingston, N. J.—Ash Wood, Box 150, El Monte, Calif.; Harry Levinson, 1117 Second Ave., Seattle; George Noble, 5779 Walnut St., Oakland, Calif.

DAVEY TREE SURGERY, Russ Bldg., San Francisco—Branches: Los Angeles, San Diego, Sacramento, Fresno, Belmont, Le Grande, Ore.

DAVIS MFG. CO., Plano, Ill.—Pete Bach Electric Co., 1232 N.W. 12th Ave., Portland; D. A. Stienkamp Co., 936 St. Paul St., Denver.

DAVIS PORTABLE DIMMER, 171 W. Temple, Salt Lake City, Utah.—Ariel Davis Supply, Salt Lake.

DAY-BRITE LIGHTING, INC., 5411 Hulwer Ave., St. Louis 7, Mo.—Regional Sales Office: Matt Cabot, 3718 Alameda de los Pulgas, San Mateo, Calif.; H. R. Chilton, 257 S. Spring St., Los Angeles 12; J. H. Brundage, 288 Seventh St., San Francisco 3; Edward L. Peterson Co., 709 Bank of America Bldg., San Diego; Alan Humphrey, 410 Central Ave., N.W. Albuquerque; R. E. Tweedy, P.O. Box 6313, Phoenix; Stevens Sales Co., P.O. Box 2338, Salt Lake City; C. D. Belt & Co., 1921 Blake St., Denver 2; R. M. Camnitz, P.O. Box 4166, Portland 8; Gleasons, 657 E. 45th St., Seattle 5.

DAYSTROM ELECTRIC CORP., 753 Main, Poughkeepsie, N. Y.—Jack Berman, 1141 So. La Cienega Blvd., Los Angeles; Meyer & Ross, 113 10th St., San Francisco; James Dooley, 3606 Magnolia Blvd., Seattle; Robert W. Cox, 1141 E. Bates Ave. Parkway, Englewood, Colo.

DAYTON ELECTRIC MFG. CO., 126 S. Oakley Blvd., Chicago 12, Ill.—W. W. Grainger, Inc., in following cities: 519 Potrero Ave., San Francisco; 1401 E. 3rd St., Los Angeles; 311 Occidental, Seattle; West 22 Main St., Spokane; 2410 N. Mississippi St., Portland; 163 W. South Temple, Salt Lake City, 144 W. Market, San Diego.

DAYTON PUMP & MFG. CO., 500 N. Webster St., Dayton, Ohio—Factory Sales Representatives: Edwin P. Cook, 1863 Wazee St., Denver; Paguin & Story, 1149 Redwood Highway, Grants Pass, Ore.; Paramount Mfg. Co., 905 Mills Bldg., San Francisco.

DAYTON RUBBER CO., 1486 Lakewood Ave., S.E., Atlanta, Ga.—Branch Office: Frank H. Bran, 607 E. 6th St., Los Angeles, J. M. Chapman Co., 290 Ninth St., San Francisco; Floyd Guenther, 2216 First Ave., Seattle.

DEAN PRODUCTS, INC., 616 Franklin Ave., Brooklyn, N. Y.—Russell E. Davis, 1821 N. Maple St., Burbank, Calif.; Frank K. Donnelly, 401 E. 92nd St., Seattle; Merle G. Haymes, Berkeley; A. K. Johnston, Portland; Alfred Kent & Son, 2166 Market St., San Francisco.

DE BOTHEZAT FANS DIV., American Machine and Metals, Inc., East Moline, Ill.—E. H. Langdon Co., 72 Vine St., Seattle; Hubert Kaub & Co., 1025 Santa Fe Dr., Denver; L. F. Church Co., 750 Natoma St., San Francisco; C. & S. Equip. Co., 2103 S. San Pedro, Los Angeles; Sales Eng. Co. Inc., 526 W. 8th South, Salt Lake City; H. W. McKenzie Co., 100 N.E. Holladay, Portland.

DEE ELECTRIC CO., 1101 N. Paulina St., Chicago 22, Ill.—Claude Michael Agency, 703 W. Ivy St., Glendale, Calif.; Tri-State Supply Corp., 544 S. San Pedro St., Los Angeles.

DEEPFREEZE APPLIANCE DIVISION, 2301 Davis St., North Chicago, Ill.—Frank Edwards Co., Inc., 382 6th St., San Francisco; Al Jennings, 607 W. Washington, Phoenix; Tubbs Electric Co., 165 So. Post St., Spokane; Schwabacher Hardware, 401 1st Avenue South, Seattle; Crouch Appl. Co., 1301 Texas St., El Paso; Radio TV Supply, Inc., 341 W. 18th St., Los Angeles; Public Distributing Co., 1520 Wazee St., Denver; North Coast Elec. Co., 625 N.W. Everett, Portland; Heald Supply, 3008 1st Ave. No., Billings; Associated Merchandisers, Inc., 328 W. 2nd South, Salt Lake City; Hawaiian Wholesale Factors, Honolulu 15, T. H.

DELCO PRODUCTS DIV., General Motors Corp., Dayton, Ohio.—Branch: 1716 W. Fourth St., Berkeley 10.

DELTA ELECTRIC CO., 33rd and Nebraska Sts., Marion, Ind.—Lynn & Brooks, 2048 Market St., San Francisco; 3055 Wilshire Blvd., Los Angeles, and 9031 N. E. Mason St., Portland; 965 Gas & Elec. Bldg., Denver.

DELTA - STAR ELECTRIC DIVISION (H. K. Porter Co., Inc.), 2437 Fulton St., Chicago 12, Ill.—C. E. Ingalls, Monadnock Bldg., San Francisco; Kirk-Palka Co., 415 Wall St., Los Angeles 13; Mountain States Machinery Co., 1526 Blake St., Denver 2; A. J. Eiggren & Sons Co., P. O. Box 2166, Salt Lake City 13; Shaffer & Nelson, 139 S.E. Taylor St., Portland, So. 121 Monroe St., Spokane and 312 Occidental Ave., Seattle. (See ad page 18.)

DE LUXE COILS, INC., 1300 First St., Wabash, Ind.—Phil Heckerdorn, 803 Houseman Ave., La Canada, Calif.

DEMPSTER MILL MFG. CO., 711 S. 6th St., Beatrice, Nebr.—Branch Office: Denver, Colo.

DENISON ENGINEERING CO., 1186 Dublin Road, Columbus 16, Ohio.—Branch: 565 No. Prairie Ave., Hawthorne, Calif.

DEPENDABLE ELECTRIC MFG. CO., INC., 18-30 Johnson Ave., Brooklyn, N.Y.— Wm. Weston Co., 1133 Moraga St., San Francisco; Jerry Shane & Associates, 1509 W. 7th St., Los Angeles, and J. H. Kay, 4807 Beverly Blvd., Los Angeles

DESERT AIR LAMP—(See McCall's Desert Air).

DESPATCH OVEN CO., 619 S.E. 8th St., Minneapolis, Minn.—Lombard Smith, 714 W. Olympic Blvd., Los Angeles 15; Braun Corp., 2260 E. 15th St., Los Angeles; W. C. Matheson Co., 228 Ninth St., San Francisco; Beverly Hills Surg. Supply, 8345 Wilshire Blvd., Beverly Hills; Farnes & Martig, 417 N.E. Couch St., Portland; Grant Cali. (Bakery), 1817 Ashbrook Ave., Long Beach; Western Surgical Supply, 661 S. Burlington Ave., Los Angeles; Atlas Supply (Bakery), 411 W. Washington Blvd., Los Angeles: Insulation & Wires, Inc., 2240 Washington Blvd., E., Los Angeles 21; Collins Baking Machinery Co., 4219 Grove St., Oakland; Insulation & Wires, Inc., 1077 Howard St., San Francisco; Fernholtz Machinery Co., 8466 Melrose Pl., Los Angeles 6.

DETECT-O-RAY COMPANY, 2622 N. Halsted St., Chicago 14, Ill.—James P. Hermans Co., 1234 Folsom St., San Francisco; C. H. Mitchell Co., 769 Venice Blvd., Los Angeles 15; Ronald G. Bowen, 1896 S. Humboldt St., Denver 10.

DETJEN CORPORATION, Electrocuting Fly Screen Div., Freedom Plaines, Pleasant Valley, N. Y.—Sold thru all General Electric Supply and Westinghouse Electric Supply branches; M. M. Frost & Co., 5590 S.E. 128th Ave., Portland 66; R. L. Jackson & Associates, 10163 E. Penn Ave., Tacoma, Wash.; R. & M. Exterminators, Inc., Tyler, Wash.

DETROIT ELECTRIC FURNACE, Div. Kuhlman Elec. Co., 1000 26th St. Bay City, Mich.—Bramley-Donaldson Co., 3050 E. Slauson, Huntington Park, Calif., and Oakland, Calif.

DETROIT CONTROLS CORP., 5900 Trambull Ave., Detroit, Mich.—Branch Offices: 742 So. Hill St., Los Angeles, 3112 Del Monte St., San Mateo, Calif., 2725 Elm Ave., Boulder, Colo., 14326 26th St., N.E., Seattle 55.

DEWALD RADIO MFG. CORP., 35-15 37th Ave., Long Island City, N. Y.—Leonard Minthorne Co., 7521 N.E. Glisan St., Portland 16; Harry M. Weinberg, 5727 E. Camden, Tucson 12; McIntyre Sales Eng. Co., 557 E. Walnut St., Pasadena 1.

DEXTER COMPANY, THE, 506 N. 9th St., Fairfield, Iowa — (See Philco Corp., Dexter Div.)

DIALIGHT CORP., INC., 60 Stewart Ave., Brooklyn, N. Y.—Harry A. Lasure Co., 9041 W. Pico Blvd., Los Angeles; George D. Norris Co., 3010 First Ave., Seattle 1.

DIAMOND METAL PRODUCTS CO., Morewood & Johnson Aves., Blairsville, Pa.—Geraty Specialties, 380 Colusa Ave., Berkeley 7.

DIAMOND POWER SPECIALTY CORP., P. O. Box 415, Lancaster, Ohio—Branch Office: C. C. Moore & Co. Engrs., 450 Mission St., San Francisco; 409 Luhrs Bldg., Phoenix; 1119 Failing Bldg., Portland; 417 Smith Tower, Seattle 4; 1111 Wilshire Blvd., Los Angeles 11; R. W. Hall, 4710 Crenshaw Blvd., Los Angeles 43.

DIAMOND SAW WORKS, INC., 260 Court St., Buffalo, N.Y.—Central Chain Trans. 709 So. First St., Yakima; Electric Supply & Fixture, Walla Walla; Luse Ind. Tool Supply Co., 2410 1st Ave. So., Seattle; Globe Electric, 307 First Ave. So., Seattle; Tacoma Screw Products, 2004 Center St., Tacoma; Wall Lundberg Co., 1724 Pacific Ave., Tacoma; Home Electric, Tacoma; Wall Lundberg, 961 N. Loring, Portland.

DIAMOND WIRE & CABLE CO., 445 Park Ave., Sycamore, Ill.—Pacific Electric Sales, 140 Southeast 28th Ave., Portland; L. D. Hood Sales, 1133 W. 8th Ave., Denver.

DICKE TOOL CO., Downers Grove, Ill.—Maydwell & Hartzell, Inc., 870 Tennessee St., San Francisco; 427 W. 5th St., Los Angeles; 306 Dexter Ave., Seattle; 814 Paulsen Bldg., Spokane 8; 324 S. 2nd Ave., Phoenix; 1238 N.W. Glisan St., Portland 9, Ore.

DIEHL MFG. COMPANY, Finderne Plant, Somerville, N. J.—Albert S. Knight Co., 3010 Western Ave., Seattle 1.

DIELECTRIC PRODUCTS CO., 50 26th St., Pittsburgh, Pa.—Tri-State Supply Corp., 544 S. San Pedro St., Los Angeles, and 318 Occidental Ave., Seattle; Hodges & Glomb, 1264 Folsom St., San Francisco.

DIETZ CO., R. E. 225 Wilkinson, Syracuse, N. Y.—H. M. Pforsich, 681 Market St., San Francisco; Newfield-Ose, Inc., 2503 Broadway, Oakland; Seeman-Lester Co., 1515 S. Grand Ave., Los Angeles.

DILLON & CO., INC., W. C., 14620 Keswick St., Van Nuys, Calif.—Calif. Instruments Co., 748 Prague St., San Francisco.

DIMCO-GRAY CO., 207 E. 6th St., Dayton, Ohio—Photographic: Miller Outcalt Co., 1050 N. Lillian Way, Hollywood; Industrial: Braun Co., 2260 E. 15th St., Los Angeles; Braun-Knecht-Heimann Co.,1400 16th St., San Francisco; Scientific Supplies, 122 Jackson St., Seattle 4; Clico Laboratory Supply, 335 W. McDowell Rd., Phoenix.

DINGS MAGNETIC SEPARATOR CO., 4740 W. Electric Ave., Milwaukee, Wis.—Samson Sales Co., 420 Market St., San Francisco; A. W. Nash, 3312 W. Vernon Ave., Los Angeles; Hathaway-Thurlow Co., 706 Jones Bldg., Seattle.

DIVISION LEAD CO., 7742 West 61st Place, Summit, Ill.—Standard Wire and Cable Co., 3440 Overland Ave., Los Angeles 34, Calif. and 1979 Eighth Ave., San Francisco 22.

DOBECKMUN CO., Munroe Ave., Cleveland, Ohio—Branch factory, 1700 5th St., Oakland.

DOERR ELECTRIC CORP., (formerly Electro Machines, Inc.), Cedarburg, Wis. — Engineering Sales Co. (affiliated with Monarch Supply Co.), 277 Pennsylvania Ave., San Francisco; Cox Sales & Engineering, 1819 W. Valley Blvd., Alhambra, Calif.; Charles E. Klaus Co., 1004 S.E. Belmont St., Portland and 2605 Western Ave., Seattle; Climax Service Co., Denver.

DOLCO MFG. CO., 2350 Curry St., Long Beach 5, Calif.—Eckert-Lloyd Co., 2115 So. San Pedro, Los Angeles 11, and 1225 6th St., San Francisco 7; Victor J. Miller, 4122 S.E. 10th Ave., Portland 2.

DOLE REFRIGERATING CO., 5910 N. Pulaski Road, Chicago 30, Ill.—H. E. Clay, 1437 S. Los Angeles St., Los Angeles 15; Russell Sales Co., 503 Maritime Bldg., Seattle 4.

DOLE VALVE CO., 1901 W. Carroll Ave., Chicago, Ill.—Branch, 6351 Wilshire Blvd., Los Angeles 48.

DOLPH CO., JOHN C., New Road, Monmouth Junction, N.J.— Tri-State Supply Corp., 544 S. San Pedro St., Los Angeles; 554 Bryant St., San Francisco; 318 Occidental Ave., Seattle; Clarence W. Silver Co., 550 W. 7th South St., Salt Lake City; Powell Electric Corp., 403 Haines Ave. N.W., Albuquerque.

DOMINION ELECTRIC CORP., Mansfield, Ohio—Fred C. Wood, 1355 Market St., San Francisco, 712 S. Olive St., Los Angeles, and 510 Terminal Sales Bldg., Seattle.

DONGAN ELECTRIC MFG. CO., 2987 Franklin, Detroit, Mich.—Keeler-White Co., 615 Seventh St., San Francisco; 1041 Sixth Ave. So., Seattle; 322 N.W. Fourth Ave., Portland and 436 Colyton, Los Angeles 13.

DORMEYER CORP., 4300 N. Kilpatrick Ave., Chicago, Ill.—Branches: 1355 Market St., San Francisco and 1206 S. Maple, Los Angeles; W. W. Wheat & Sons, 2219 4th St., Seattle, Wash.

DOSSERT MFG. CO., 249 Huron St., Brooklyn, N. Y.—George S. Koch Associates, 420 Market St., San Francisco; Fred W. Carlson Co., 1201 Dexter Ave., Seattle, and 935 Northwest 12th Ave., Portland.

DOW CORNING CORP., Midland, Mich.—Branch offices: Oakland, Calif. and Seattle, Wash. Representatives — C. D. LaMorce Co., 1325 San Julian, Los Angeles; 2221 Fourth St., Berkeley, Calif., 166 Jackson St., Seattle and 711 N. W. Everett, Portland; National Electric Coil Co., 350 S. Fullen Ave., Los Angeles and 94 Ramona Ave., Oakland; Tri-State Supply Co., 544 S. San Pedro, Los Angeles; 554 Bryant St., San Francisco, and 318 Occidental, Seattle.

DOYLE VACUUM CLEANER CO., 225 Stevens S.W., Grand Rapids, Mich.—J. M. Duval, 1420 Castro, San Francisco 22; Harry C. Younger, 1170 Laurel St., Pasadena 2, W. T. Naylor, 150 S. Fourth West St., Salt Lake City 11; O. J. Thomas, 1018 Southeast 8th Ave., Portland 14.

DRACHENBERG PRODUCTS MFG. CO., 23600 Harper Ave., St. Clair Shores, Mich. — Landstrom Co., 69 Green St., San Francisco, c/o 1918 Third Ave., Seattle; 2445 Hunter St., Los Angeles, and Milo O. Frand, 2037 Hillhurst, Los Angeles.

DRAKE ELECTRIC WORKS, INC., 3656 N. Lincoln Ave., Chicago 13, Ill.—Davis Sales Co., 5259 E. Beverly Blvd., Los Angeles 22; Dave M. Lee Co., 2517 2nd Ave., Seattle 1; Logan Sales Co., 154 8th St., San Francisco.

DRAKE MFG. COMPANY, 1718 W. Hubbard St., Chicago, Ill.—Radio Product Sales Co., 1501 So. Hill St., Los Angeles, Calif.; Wm. J. Purdy Co., 312 7th St., San Francisco.

DREIER BROTHERS, INC., 5642 Lake Park Ave., Chicago 37, Ill.—J. H. Kay, 10531 S. Julius Ave., Downey, Calif.; Southwest Sales Co., 1620 E. Earll Dr., Phoenix; Norman G. Peper, 1446 S.E. 58th Ave., Portland; Cliff Warner, 3036 Albion St., Denver.

DREMEL MFG. CO., 2409 18th St., Racine, Wis.—James J. Backer Co., 2321 2nd Ave., Seattle 1.

DRIVER COMPANY, WILBUR B., 1875 McCarter Highway, Newark, N. J.—Electrical Specialty Co., 158 11th St., San Francisco; 2820 E. 12th St., Los Angeles; 2406 First Ave., S., Seattle; 1101 Stout St., Denver 2.

DRIVER-HARRIS CO., 201 Middlesex St., Harrison, N. J.—Angus-Campbell, Inc., 4417 S. Soto St., Los Angeles 58, and 917 Bryant St., San Francisco 3.

DRYOMATIC CORP., Alexandria, Va.—A. B. Murphy Co., 228 9th St., San Francisco; Clifford d'A. Hanner, 2420 N. Gower St., Hollywood 28; Monitor, Inc., Box 405, Bellevue, Wash.

DUAL-LITE CO., INC., 185 Front St., Bridgeport, Conn.—Fred W. Carlson, 1201 Dexter Ave., Seattle; Morslee W. Silver, 1771 East 9th South, Salt Lake City; Graybar Electric, Westinghouse Elec. Supply and General Elec. Supply, all principal cities.

DUCHESS COMPANY, Fairfield, Iowa—(See Philco Corp. Dexter Div.)

DULANE, INC., 1900 N. River Road, River Grove, Ill.—C. I. Perry, Jr., Western Sales Mgr., 543 Frederick St., San Francisco; Robt. Harris, 1161 S. Plymouth Blvd., Los Angeles; Bland F. Simmons, 4650 Wyndemere Circle, S.W., Portland; George Hyde, Jr., 366 Washington St., Denver.

DUMONT LABORATORIES, INC., Allen B., 750 Bloomfield Ave., Clifton, N.J.—W. C. Hitt Co., 1855 Market St., San Francisco and 1169 So. Broadway, Los Angeles; J. T. Hill Sales Co., 800 W. 11th St., Los Angeles; Tubergen Associates, 2232 W. 11th St., Los Angeles 6.

DUMORE COMPANY, 1300 17th St., Racine, Wis.—Fred Cary, 26 W. Terrace St., Altadena, Calif.

DUNCAN ELECTRIC MFG. CO., Lafayette, Ind.—C. C. Blacksmith, P. O. Box 54, Covina, Calif.; Kitchen Electric Supply Co., Box 1831, Reno, Nev.; A & A Supply Co., 114 Morningside N.E., Albuquerque; W. H. Eddy Elec. Products, Inc., Box 1428, Phoenix; Shaffer & Nelson, 139 S.E. Taylor St., Portland, 312 Occidental Ave., Seattle, and P. O. Box 198, Spokane; Hamilton Associates, 1236 Elati St., Denver; Monitor Distributors, Inc., 604 Utah Ave., Butte, Mont.; Carlos W. Stone Co., 230 South 4th West, Salt Lake City. (See ad page 63.)

DUNHAM CO., C. A., 402 W. Madison St., Chicago, Ill.—Williams, Gritton & Wilde, 204 Dooly Bldg. Salt Lake City.

DUNTON CO., THE M. W., 7 Goff St., Providence, R. I. — Claude Michael Agency, 703 W. Ivy, Glendale 4, Calif.

DUPONT, E. I. DE NEMOURS & CO., Wilmington, Del.—Offices in principal cities.

DURA ELECTRIC LAMP CO., INC., 64 E. Bigelow St., Newark, N. J.—Eckert-Lloyd Co., 2115 S. San Pedro St., Los Angeles; 1225 6th St., San Francisco; L. M. Baxter, 1220 S.W. Stark St., Portland.

DURAKOOL, INC., 1010 N. Main St., Elkhart, Ind.—R. Muessdorffer, 8468 Melrose, Los Angeles; Gillette & McLaren, Sherlock Bldg., Portland, and Arctic Bldg., Seattle; C. W. Boswell, 1139 Mission St., San Francisco; distributor—R. H. Fisher, 721 Clementina St., San Francisco; Andrews Hardware & Metal, 324 So. Main, Los Angeles 13.

DURALUX COMPANY—(See under Buckeye Aluminum).

DURO ENGINEERING CO., 51 Oregon Ave., Hamden, Conn.—K-W Distributing Co., 2918 E. Florence Ave., Huntington Park, Calif.

DURO FITTINGS CO., 2040 Santa Fe, Los Angeels, Calif.—G. L. Guenther, 2216 First Ave., Seattle; Otis W. Burrell, 2166 Market St., San Francisco; Pete Bach Elec., 1233 N.W. 12th Ave., Portland; National Parts Distributors, 1075 Galapago St., Denver; Douglas N. Gillies, 3421 W. 16th Ave., Vancouver, Wash.

DURO-TEST CORP., 2321 Hudson Blvd., North Bergen, N. J.—S. A. Goff, 1480 Egbert St., San Francisco, 607 So. Hill St., Los Angeles. Branch offices: Seattle, Portland, Spokane, Salt Lake City, Phoenix, San Diego.

DWYER MFG. CO., F. W., P. O. Box 373, Michigan City, Ind.—Pacific Scientific Co., 25 Stillman St., San Francisco; 1430 Grande Vista Ave., Los Angeles 23; 1915 1st Ave. South, Seattle 4, Terminal Sales Bldg., Portland 5.

DWYER PRODUCTS CORP., Calumet & Holiday Sts., Michigan City, Ind.—Dale Sales, Inc., 2503 West 6th St., Los Angeles, 420 Market St., San Francisco; Domestic Supply Co., 201 Westlake Ave., North, Seattle; Carl G. Meng, 1640 East Van Buren, Phoenix; Ben Cook Supply Co., 24th and Blake Sts., Denver; Alder's, 1343 South Main, Salt Lake City; Building Specialties Co., Billings, Mont.

DYNAMATIC CORP., 2307 14th Ave., Kenosha, Wis.—T. C. Caskey, 1736 First Ave. So., Seattle 4; Charles E. Klaus, 1004 S.E. Belmont, Portland 14; Monarch Supply Co., 277 Pennsylvania Ave., San Francisco 10; Sierra Industries, Inc., 935 S. Santa Fe Ave., Los Angeles 21.

DZUS FASTENER CO. INC., P. O. Box 185, Babylon, New York—John M. Williams, 13239 Bloomfield, Van Nuys, Calif.

E. A. LABORATORIES, INC., Myrtle Ave. and Spencer St., Brooklyn, N. J.—M. H. Klinger Co., 158 W. Pico Blvd., Los Angeles; 440 Golden Gate Ave., San Francisco; 1016 First Ave. S., Seattle, and 1230 Bellaire St., Denver.

E. Z. PLASTICS CO., Lenni, Pa.—Jim Shirreffs Co., 1105 S. La Brea Ave., Los Angeles 19; Ed Siegert Agency, 326 Builders Exchange Bldg., Portland.

EAGLE ELECTRIC MFG. CO., INC., 23-10 Bridge Plaza South, Long Island City, N. Y.— R. F. Gratiot, 432 Colyton, Los Angeles; M. Levin, 2331 S.W. First Ave., Portland; Brill Electric Sales, 446 Bryant St., San Francisco.

EAGLE MFG. CO., 414 E. Winnebago St., Appleton, Wis.—Branch Offices: FWD Pacific Co., 850 Harrison St., San Francisco; Calavar Corp., 2700 S. Broadway, Los Angeles; Glenn Carrington & Co., 90 Columbia St., Seattle. Represented in other territories by Graybar Electric Co.

EAGLE MFG. COMPANY, Wellsburg, West Va.—Gillette & McLaren, 309 S.W. Third Ave., Portland 4, and corner 3rd Ave. & Cherry St., Seattle 4; J. J. Brown Co., 257 S. Spring St., Los Angeles 12, and 420 Market St., San Francisco 11.

EAGLE SIGNAL CORPORATION, 202 20th St., Moline, Ill.—Bernard S. Hundley, 3532 Fletcher Drive, Los Angeles 65; Instrument Sales, 2137 Second Ave., Seattle 1; Sherman Nabaum, 4777 S. 13th East, Salt Lake City 7; Campbell & George Co., 1601 Cortland Ave., San Francisco 7; Peterson Co., 4949 Colorado Blvd., Denver 16.

EARL LIGHTING PRODUCTS Corp., 1413 Bainbridge St., Philadelphia 46, Pa.—Joe Blonder, 2617 N.E. 14th Ave., Portland 12; R. L. Lamberth, 320 Judah St., San Francisco.

EASTERN AIR DEVICES, 392 Central Ave., Dover, N. H.—Wm. Belfer, 926 Howard St., San Francisco, Calif.

EASTERN FIXTURE CO., INC., 170 Vernon St., Boston 20, Mass. —L. J. Sullivan Co., 5225 Wilshire Blvd., Los Angeles.

EASTERN METAL PRODUCTS CORP., 18 East 41st St., New York City 17, New York—Cohn and Shane, 1323 Venice Blvd., Los Angeles; Sid Scheiber, 1845 Bayshore, San Francisco; Nate Goodman, 1290 Colorado, Denver; Harold Gray, 2724 Williams, Bellingham, Wash.

ECONOMY TRANSFORMER CO. Inc.

1021 N. Pearl St., Centralia, Wash.

Distribution Transformers
Cores and Coils

Replacements to fit any make
5 to 50 KVA
Any Voltage
2400 to 14400 Volts

Require no skilled labor to install
Sealed Aluminum Case Transformers

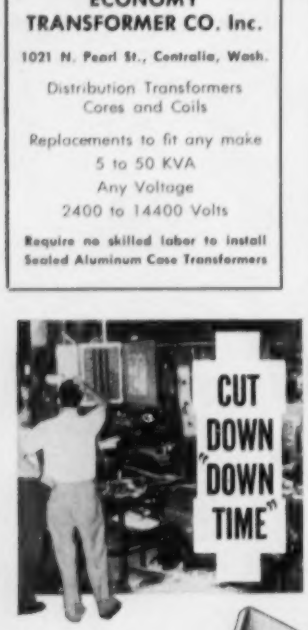
EASTERN METALS SIGNS, Elmira, N. Y.—A. L. Dickson, 6321 Clark Road, Paradise, Calif.

EASTERN SPECIALTY CO., 3617 N. 8th St., Philadelphia, Pa.—Ken H. Best, 541 First Ave. So., Seattle 4; C. C. Blecksmith, 164 S. Central Ave., Los Angeles 12; Sales Engineers, Inc., 1440 11th St., Denver 4; J. E. Rogers, 102 Thomas Bldg., Dallas 1; W. C. Mills, So. 1206 McClellan St., Spokane.

EASTMAN PACIFIC CO., 2320 E. 8th St., Los Angeles 21—G. M. Howard Associates, 1282 Folsom St., San Francisco 7.

EASTERN TUBE & TOOL CO., INC., 75 Onderdonk Ave., New York City—(See Ettco.)

EASY WASHING MACHINE CORP., Solar, Spencer & Clinton Sts., Syracuse, New York—Branch Offices: 1355 Market St., J. C. West, Divisional Mgr., San Francisco 3; Dist. Mgrs., W. K. Kuhn, 1504 Ocean Blvd., Balboa, Calif.; Bernard Morris, 817 Edgehill Dr., Burlingame, Calif.; A. C. Smith, 431 N. Doheny Dr., Beverly Hills, Calif.; John J. Stone, 2430 Sandringham Rd., Sacramento; R. D. Paulin, 224 La Verne Ave., Long Beach; R. S. Grimm, 944 Juanita Dr., Walnut Creek, Calif.; Div. Mgr., Donald B. Wallrich, 2840 Claire Court, Sacramento; R. G. Urich, 15615 S. E. Francis Ave., Milwaukie, Ore.; W. R. Wilson, 23302 50th Ave. W., Mountlake Terrace, Wash.



ECON®
Dual-Element
CARTRIDGE FUSES

Eliminate Needless Blows that "stall" Production

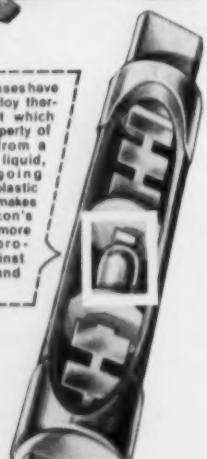
When production is held up, even for a short time, management and men both lose. Get dual protection against "down time" with Econ Dual-Element Cartridge Fuses on motor and branch circuits.

1—ECONS *give time-controlled protection against unnecessary blowouts from temporary and harmless overloads . . . a frequent cause of shut-downs.*

2—ECONS *give instantaneous protection against short circuits . . . operate at low temperature . . . prevent overheated circuits.*

Available at leading electrical wholesalers in knife and ferrule types: 0 to 600 Amp., 250 to 600 V. Underwriters' Laboratories approved. Write us for new ECON Catalog S-60 or for Complete Line Fuse Folder.

Only Econ Fuses have the Econ-Alloy thermo element which has the property of changing from a solid to a liquid, without going through a plastic state. This makes possible Econ's faster and more accurate protection against overloads and shorts.



ECONOMY fuses for every purpose

106TW

ECONOMY FUSE & MANUFACTURING CO.
2717 GREENVIEW AVE. • CHICAGO 14, ILLINOIS

WEST COAST REPRESENTATIVES
C. H. BLUSKE, 5100 Ambrose Ave., Los Angeles 27, California
G. T. BRYANT, V. B. McDONALD, 780 Natoma St., San Francisco 3, California
P. G. GIBERSON, 7345 17th Ave., N.E., Seattle 15, Washington
G. H. A. GUSTAFSON, P. O. Box 766, Portland 7, Oregon

EATON MFG. CO., Reliance Div., 1940 Rose St., Massillon, Ohio—H. H. Hobelmann & Co., 225 Kansas St., San Francisco.

EBCO MANUFACTURING CO., 265 N. Hamilton Road, Columbus, Ohio—Duane R. Larrabee, 7307 W. 91st., Los Angeles 45; J. N. Marshall, P. O. Box 2784, Denver, Colo.

EBERT ELECTRONICS CO., 212 Jamaica Ave., Queens Village 28, New York—Herman E. Held, 147 10th St., San Francisco, Standard Elec. Sales, 1731 1st Ave. So., Seattle; The Hundley Co., 3532 Fletcher Dr., Los Angeles 65.

ECONOLITE CORP., 3517 West Washington Blvd., Los Angeles, Calif.—Branch Office: 1893 Mission St., San Francisco; Pacific Bldg., Salem, Ore.

ECONOMASTER SALES, INC., 120 Ninth Ave. No., Nashville, Tenn. —The O. B. Wilt Co., 1355 Market St., San Francisco.

ECONOMY FUSE & MFG. CO., 2717 Greenview Ave., Chicago, Ill. —Branch Offices: G. T. Bryant and V. B. McDonald, 780 Natoma St. at 9th, San Francisco 3; C. H. Bluske, 5100 Ambrose Ave., Los Angeles 27; G. H. A. Gustafson, P. O. Box 766, Portland 7; P. G. Giberson, 7345 17th Ave., N.E., Seattle 15. (See ad, page 22.)

ECONOMY TRANSFORMER CO. INC., 1021 North Pearl St., Centralia, Wash. (See adv. page 22.)

EDCO, 9993 Broad St., Detroit, Mich.—Invincible Sales Co., 2303 W. 9th St., Los Angeles.

EDERER ENGINEERING CO., 2931 First Ave. So., Seattle, Wash.

EDISON, INC., THOMAS A., Lakeside Ave., West Orange, N. J.—The Ediphone Co., 919 Second Ave., Seattle 44, 125 S. Stevens St., Spokane 8, 1636 Logan St., Denver 2, and 516 W. Copper, Albuquerque, N. M.; Farrington Service, 718 W. Burnside St., Portland; George E. Montgomery Co., 1344 W. Olympic Blvd., Los Angeles 15; Ward Harris, Inc., 656 Market St., San Francisco 5; Syms-York Co., 2401 Main St., Boise, Ida.; ZCMI, 57 S. State St., Salt Lake City; The Mailing Shop & Office Supply, 12 Third St. N., Great Falls, Mont.

EDWARDS COMPANY, INC., Norwalk, Conn.—R. L. Kempston, 617 7th St., San Francisco; R. S. Edwards, Jr., 1004 E. Fourth St., Los Angeles 13; Elmer Johnston, 209 Hyde Bldg., Spokane; D. A. King, 220 Regal Bldg., Portland; F. A. Strobecker, 2207 First Ave. South, Seattle 4; Harry F. Ream, 1028 Champa St., Denver 4; Wynn Snoots, Santa Fe Bldg., Dallas 2; 2009 Fannin St., Rm. 105, Houston 3.

EDWARDS WIRE ROPE CO., Butler Ave. & Industrial Way, South San Francisco, Calif.

EFFICIENCY ELECTRIC & MFG. CO., Park Ave., Extension, East Palestine, Ohio—Sold thru Westinghouse Electric Supply, Graybar and General Electric Supply in all principal cities.

EITEL-McCULLOUGH, INC., San Bruno, Calif.—Herb Becker, 1140 Crenshaw Blvd., Los Angeles; Frazer & Hansen, Ltd., 301 Clay St., San Francisco 11, Rush Drake, 1806 Bush Place, Seattle 44, Wash.; McLoud & Raymond Co., 5528 E. Colfax, Denver.

EJS CORP., 921 E. Pico Blvd., Los Angeles, Calif.—L. M. Baxter Co., 1220 S. W. Stark, Portland and 908 Lowman Bldg., Seattle.

ELASTIC STOP NUT CORP. OF AMERICA—sub. Buchanan Elec'l Products, 2330 Vauxhall Road, Union, N. J.—Collins Powell Co., 9247 Alden Dr., Beverly Hills, Calif.

ELCO CO., Bayonne, N. J.—J. T. Hill Sales Co., 800 W. 11th St., Los Angeles.

ELECTRA INSULATION CORP., 33-30 57th St., Woodside, N.Y.—Tri-State Supply Corp. in following cities: 544 S. San Pedro St., Los Angeles; 554 Bryant St., San Francisco; 318 Occidental Ave., Seattle.

ELECTRA MFG. CO., 4051 Broadway, Kansas City, Mo.—Electronic: Eastman Pacific Co., Los Angeles; Automotive: Denham Sales, 293 26th St., Oakland, Calif.; Don D. Green, 6912 E. Fairman, Long Beach.

ELECTRA MOTORS, INC., 1110 N. Lemon St., Anaheim, Calif.—Lou Petterson, 4715 Cornell, Fresno; Kern Electric Distributing, P. O. Box 1754, Bakersfield; J. J. McCarthy, 50 Hawthorne St., San Francisco; Joseph F. Taraba Co., 1121 S.E. 72nd Ave., Portland and 2405 11th Ave. S.W., Seattle; Hubert Kaub & Co., 1025 Santa Fe., Denver; Clarence W. Silver Co., 550 W. 7th St. So., Salt Lake City.

ELECTRAN CO., 4550 N.E. Alberta, Portland, Ore.

ELECTRADIANT CORP., 500 Del Monte Ave., Monterey, Calif.

ELECTREND PRODUCTS CORP., P. O. Box 110, St. Joseph, Mich.—Western Radiant Heat Co., 4932 N.E. 30th, Portland. Distributors: University Place Electric, 7404 Manitou-Custer Rd., Tacoma; L. H. Morris Electric, 944 W. 5th St., Eugene; Maxwell's Inc., E. 14 Mission Ave., Spokane and Stack Electric Co., 1126 N.W. Blvd., Spokane; Simpson Elec. Heating, 3127 S. 260th Pl., Kent, Wash.

ELECTRIC-AIRE ENG. CORP., 209 W. Jackson Blvd., Chicago, Ill.—Branch Offices: Koss Supply Co., 900 Folsom St., San Francisco; A. S. Hewitt, 1508 N Street, Sacramento; Paul R. Spencer Co., 4000 York St., Denver, and 400 Dooly Bldg., Salt Lake City; Alameda Distributors, 1926 Everett St., Alameda, Calif.

ELECTRIC CONTROLLER & MFG. CO., 2700 E. 79th St., Cleveland 4, Ohio— T. R. Routh Co., 742 Market St., San Francisco; J. B. Ambler, Denver National Bldg., Denver 2; Thomas Machinery Co., 2500 W. 6th St. Bldg., Los Angeles; Riter Engineering Co., Kearns Bldg., Salt Lake City; Shaffer and Nelson, 812 Occidental Ave., Seattle 4; 1215 N. W. Everett St., Portland 9; 901 Realty Bldg., Spokane 8.

ELECTRIC CONTROLS, INC., Swan Island, Portland 18, Ore.—Montgomery Brothers, 1122 Howard St., San Francisco, 2113 So. San Pedro, Los Angeles; 911 Western Ave., Seattle and 1632 N.W. Johnson, Portland.

ELECTRIC CORD CO., 195 William St., New York City, N. Y.—Halprin Supply Co., 1355 So. Flower St., Los Angeles 15. Sold thru General Electric Supply Co. and Westinghouse Electric Supply Co.

ELECTRIC CORDS & SUPPLY CO., 413 E. 3rd St., Los Angeles, Calif.—Eckert-Lloyd Co., 1225 6th St., San Francisco 7; Fred L. Farris, 1625 West Fairmount, Phoenix.

ELECTRIC DEODORIZER CO., 9993 Broad St., Detroit 4, Mich.—(See Edco.)

ELECTRIC FISH SCREEN CO., 1130 N. Poinsettia Place, Hollywood 46, Calif. — Thru Westinghouse Elec. Corp., and branches.

ELECTRIC FLY SCREEN CO., INC., Skidmore Rd., Pleasant Valley, N. Y. — Electric Insect Control Equip. Co., 1540 Elm St., Clarkston, Wash., and 5590 S.E. 128th Ave., Portland.

ELECTRIC FURNACE CO., W. Wilson St., Salem, Ohio—Chas. J. Paumier, 3650 E. Slauson, Maywood, Calif.

ELECTRIC INDICATOR CO., INC., Camp Ave., Springdale, Conn.—G. S. Marshall, 40 S. Los Robles, Pasadena 1, Calif., and 2015 El Camino Real, Redwood City, Calif.

ELECTRIC MACHINERY MFG. CO., 800 Central Ave., Minneapolis, Minn.—Branch Offices: A. C. Petrich, 2603 Western Ave., Seattle; H. B. Tinling, East 706 Sprague Ave., Spokane; J. R. Thompson, 1233 N.W. 12th Ave., Portland; F. G. Guthrie, 420 Market St., San Francisco; W. C. King, 2200 East 27th St., Los Angeles; M. G. Mueller, 1644 Blake St., Denver; C. W. Silver, 550 W. 7th South St., Salt Lake City; J. E. Redmond, 625 W. Madison St., Phoenix.

ELECTRIC MOTOR CORP., Div. Howard Industries, Inc., 1215 State St., Racine, Wis.—Ralph K. Reid Co., 1911 W. 9th St., Los Angeles; Logan Sales, 530 Gough St., San Francisco; Dave M. Lee, 2626 2nd Ave., Seattle; Patterson & Co., Reserve Loan Life Bldg., Dallas.

ELECTRIC PRODUCTS CO., 1725 Clarkstone Road, Cleveland 12, Ohio—Hubert Kaub & Co., 1025 Santa Fe Dr., Denver; Chas. E. Klaus, 1004 S.E. Belmont, Portland 4; D. T. Elliott, 420 Market St., San Francisco 11; Muth-Richards Co., 1804 Bush Place, Seattle 44; D. B. Cole & Co., 40 S. Oak Knoll, Pasadena 1; Howard Jordan Co., 1007 Grand Ave., Phoenix.

ELECTRIC SERVICE MFG. CO., 17th and Cambria Sts., Philadelphia, Pa.—H. J. Randolph Co., 736 Santa Anita St., San Gabriel, Calif.; Harry M. Euler Co., 225 S.W. First Ave., Portland; A. W. Arlin, 1812 W. Silver Lake Dr., Los Angeles; Franklin Sales Co., 1219 California St., Denver 4; Conely Eng. Co., 165 S. First West St., Salt Lake City; A & A Supply Co., P. O. Box 1516, Albuquerque; Standard Elec. Sales, 1731 1st Ave. So., Seattle; Robert J. Arthur, 420 Market St., San Francisco.

ELECTRIC REGULATOR CORP., Pearl St., Norwalk, Conn.—E. L. Berman, 780 Natoma St., San Francisco; R. T. Puelicher, 3151 E. Colorado, Pasadena 8.

ELECTRIC SPECIALTY CO., 211 South St., Stamford, Conn.—E. V. Roberts & Associates, 5068 West Washington Blvd., Los Angeles, 61 Renato Court, Redwood City, Calif., and 909 North First St., Phoenix.

ELECTRIC SPRAYIT Co., Div. Thomas Industries, Inc., 1419 Illinois St., Sheboygan, Wis.—Maxwell Tebb & Company, 233 Westlake North, Seattle 9; Star Lighting Fixture Co., 3431 E. Olympic Blvd., Los Angeles 23.

ELECTRIC STEAM RADIATOR CORP., No. One Electric Ave., Paris, Ky.—Geo. H. Eberhard Co., 182 Second St., San Francisco, 3200 W. Washington Blvd., Los Angeles; S. Langdon, 18040 7th Ave., N.E., Seattle 55; W. J. Borke, 4058 S. 283 5th East, Salt Lake City; E. D. Wolf, 1255 S. Forrest St., Denver; Universal Elec. Appl. Co., 1355 Market St., San Francisco; Landers, Frary & Clark, 1206 S. Maple, Los Angeles.

ELECTRIC STORAGE BATTERY CO., 42 So. 15th St., Philadelphia 2, Pa.—Branch Offices: 1043 S. Grand Ave., Los Angeles 15; 6150 Third St., San Francisco; 1919 Smith Tower Bldg., Seattle; 810 14th St., Denver 2.

ELECTRIC SWITCH CORP., 1102 Michigan Ave., Columbus Ind.—E. B. Cook Co., 1063 Howard St., San Francisco; H. D. Campbell & Associates, 501 Jones Bldg., Seattle.

ELECTRIC TACHOMETER CORP., 2220 Vine St., Philadelphia 3, Pa.—Pacific Scientific Co., 25 Stillman St., San Francisco; 1430 Grande Vista Ave., Los Angeles; 1915 First Ave. South, Seattle, Terminal Sales Bldg., Portland.

ELECTRIC TERMINAL CORP., 75 Virginia Ave., Providence, R.I.—John B. Tubergen Co., 2232 W. 11th St., Los Angeles 6.

ELECTRICAL COMMUNICATIONS, INC., 765 Clementina St., San Francisco, Calif.

ELECTRICAL ENGINEERS EQUIPMENT CO., 25th Ave. and Division St., Melrose Park, Ill.—Pacific Electric Motors, 1009 66th Ave., Oakland 21. Graybar Electric Co., Inc., other principal cities—King and Occidental Sts., Seattle; Park and Flanders, Portland; 14th and Idaho, Boise, 104 Wazee Market, Denver, and 434 W. Madison St., Phoenix; The Darger Co., 328 W. 2nd So. St., Salt Lake City; Robert A. Young, 3901 San Fernando Road, Glendale, Calif.

ELECTRICAL FACILITIES, INC., 4224 Holden St., Oakland, Calif.—C. C. Blecksmith, 164 S. Central Ave., Los Angeles; Arthur E. Booth, 265 S. Alexandria Ave., Los Angeles; Wm M. Jewell, P.O. Box 116, Edmonds, Wash.

ELECTRICAL FITTINGS CORP., 37-50 57th St., Woodside, N. Y.—Bruce-Emmet Co., 830 S.E. Alder, Portland, and 1016 1st Ave. So., Seattle; Robert R. Prussia Co., c/o Central Warehouse, 524 2nd St., San Francisco; The McLoughlin Co., 811 E. 14th Place, Los Angeles; L. S. Reed Co., 1018 Lawrence St., Denver.

ELECTRICAL MFG. CO., 163 Angell St., Battle Creek, Mich.—H. J. Randolph, 736 Santa Anita St., San Gabriel; Baxter Co., 101 Kansas St., San Francisco.

ELECTRICAL REACTANCE Corp., Seneca St., Olean, N. Y.—C. H. Mitchell Co., 1221 W. 11th St., Los Angeles 15.

ELECTRICAL REFRACTORIES CO., East Clark St., East Palestine, Ohio—E. A. Wilcox Co., 2202 S. Atlantic Blvd., Los Angeles 22, and 277 7th St., San Francisco 3, and 915 Arctic Bldg., Seattle 4.

ELECTRICAL SERVICE CO., P.O. Box 191—Greenville, Texas—H. J. Randolph, 736 Santa Anita St., San Gabriel, Calif.; Oliver B. Lyman, 55 New Montgomery St., San Francisco; Muth-Richards Co., 1804 Bush Place, Seattle 44; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver 4.

ELECTRIGLAS CORP., New Bridge & Windsor Road, Bergenfield, N.J.—Modern Building Specialties Co., 655 Folsom St., San Francisco, 1729 S. Maple Ave., Los Angeles; Harold Goble, 1635 Holly, Denver; Walter R. Fresno, P.O. Box 2467, Salt Lake City; DePartee Co., 1817 Olive Way, Seattle; Electric Smith, Inc., 123 E. Sprague Ave., Spokane; Northwest Radiant Heat, Inc., 5128 N. Albina Ave., Portland 11.

ELECTRO ARC MFG. CO., P. O. Box 448, Ann Arbor, Mich.—Park Shaffer Co., 1341 S. Hope, Los Angeles; L. E. Grey, 3051 Benvenue St., Berkeley; Jarvis Supply Co., 2180 E. 40th Ave., Denver.

H. J. RANDOLPH COMPANY

Engineering Representatives

Serving: Southern California—Arizona—New Mexico

Offices and Warehouse

736 SANTA ANITA STREET, SAN GABRIEL, CALIFORNIA

Phone CUmberland 3-4183 TWX—Alhambra Cal—7737

S&C ELECTRIC COMPANY
High Voltage Metalclad Switchgear and Circuit Protective Devices

NELSON ELECTRIC MANUFACTURING COMPANY
Weatherproof & Explosion Proof Motor Control and Circuit Breakers
Switchgear, Instrumentation & "Nelex-MI" Heater Cable

T. J. COPE, INC., & RAKIT CORPORATION
Cable Installation Equipment

ELECTRIC SERVICE MFG. CO.
Chrystal Valve Lightning Arresters

ELECTRICAL SERVICE COMPANY
Distribution and Power Transformers

TRANS-SONICS, INC.
Airborne Instrumentation

ELECTRO-DEVICES, INC., 4-6 Godwin Avee., Paterson, N. J.—Minarik Electric Co., 411 S. Wall St., Los Angeles.

ELECTRO DYNAMIC DIV., General Dynamics, Bayonne, N. J.—E. L. Berman Co., 780 Natoma St., San Francisco.

ELECTRO ENGINEERING WORKS, 6021 College Ave., Oakland 18, Calif.; C. E. Ingalls & Sons, Monadnock Bldg., San Francisco.

ELECTRO ENGINEERING PRODUCTS CO., INC., 607 W. Lake St., Chicago, Ill.—Marshank Sales Co., 7422 Melrose Ave., Los Angeles.

ELECTROFILM CORP., (Heat Lubrication Corp.), 7116 Laurel Canyon Blvd., North Hollywood, Calif.

ELECTROFLOW, INC.—(See American Electric Motors, Inc.)

ELECTRO LIFT, INC., 30 Church St., New York City 7—Irving G. King & Co., 821 Mateo St., Los Angeles 21; A. H. Coates Co., 420 Market St., San Francisco 5.

ELECTRO-LINE PRODUCTS CORP., Saukville, Wis.—D. H. Sneed, 10754 15th Ave. N.E., Seattle 55; J. H. Nicodemus, 230 S. Fourth St. West, Salt Lake City.

ELECTROLUX, INC., 500 5th Ave., New York City—417 Montgomery, San Francisco.

ELECTRO-MATIC PRODUCTS CO., 2235 N. Knox Ave., Chicago, Ill.—C. F. Bulloti Machinery, 475 Fourth St., San Francisco; Harron Richard & McCone, 2070 Bryant St., San Francisco.

ELECTROMODE CORP., 46 Crouch St., Rochester, N. Y.—J. E. Shull, 3601 Whittier Blvd., Los Angeles; R. C. Boscoe, 550 Mercer St., Seattle; George Miller, 2601 West 37th Ave., Denver; Electromode Sales & Eng. Co., 20 Fremont St., San Francisco.

ELECTRO MOTIVE MFG. CO., INC., South Park & John Sts., Willimantic, Conn.—V. T. Rupp Co., 2230 W. 11th St., Los Angeles.

ELECTRO-MOTIVE DIV., GENERAL MOTORS CORP., La Grange, Ill.—Branch office, San Francisco.

ELECTRON CORP., 5200 So. Santa Fe Drive, Denver, Colo.

ELECTRON EQUIPMENT CORP., 917 Meridian Ave., South Pasadena, Calif.—Industrial Associates, Inc., 8845 Olympic Blvd., Beverly Hills, Calif.

ELECTRONIC EXPEDITERS, 226 No. Wabash, Chicago 1, Ill.—Branch: 257 S. Spring St., Los Angeles 12.

ELECTRONIC MECHANICS, INC., 101 Clifton Blvd., Clifton, N. J.—Electrical Specialty Co., 158 Eleventh St., San Francisco; 418 E. Third St., Los Angeles; 1101 Stout St., Denver; 2406 1st Ave. S., Seattle.

ELECTRONIC SIGNAL CO., Inc., 541 Willis Ave., Williston Park, N. Y.—Toumey Electric & Eng. Co., 115 Steuart St., San Francisco.

ELECTRONIC SPECIALTY CO., Shavex Division, 5456 Glendale Blvd., Los Angeles 39, Calif.—(See Shavex.)

ELECTRONIC TUBE CORP., 1200 E. Mermaid Lane, Philadelphia, Pa.—Carl A. Stone Associates, 1102 S. Western Ave., Los Angeles 6.

ELECTRONS, INC., 127 Sussex Ave., Newark, N. J.—Francis L. Moseley, 904 N. Fair Oaks Ave., Pasadena; Distributors: R. V. Weatherford Co., 6921 San Fernando Road, Glendale; R.C.A. Victor Distributing Co., 2027 S. Figueroa, Los Angeles 7; Hoffman Sales, 1115 R St., Sacramento; Leo J. Meyberg Co., 33 Gough St., San Francisco; Associated Industries, 1752 Rainier Ave., Seattle 44.

ELECTRO PRODUCTS LABORATORIES, 4501 N. Ravenswood Ave., Chicago 40, Ill.—Power Supply Line—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles 16; Dave M. Lee, 2517 2nd Ave., Seattle. For Transducers: Kittleson Co., 416 N. LaBrea Ave., Los Angeles 36; Ron Merritt Co., 120 W. Thomas St., Seattle 9.

ELECTRO RUST-PROOFING CORP., 1 Main St., Belleville, N. J. — Electro Rust-Proofing Corp., 1713 S. California, Monrovia, Calif.; 2180 Palou St., San Francisco, and 2916 Western Ave., Seattle.

ELECTROSIG CORP., 4536 Main St., Buffalo, N. Y.—John D. Wyatt, 416 W. 8th St., Los Angeles 14.

ELECTRO SILV-A-KING CORP., 1535 S. Paulina St., Chicago 8, Ill.—Frank H. Bran Co., 607 E. 6th St., Los Angeles 21; A. R. Parker Co., 420 Market St., San Francisco; Gregg N. Cloos, 978 Garfield, Denver; George Stallman, 568 1st Ave. So., Seattle 4.

ELECTRO-SNAP SWITCH & MFG. CO., 4218 W. Lake St., Chicago, Ill.—George W. Ledbetter, 15117 Ventura Blvd., Sherman Oaks, Calif.; Fred Pease, P.O. Box 1566, Denver, Colo. Bellelove Co., 420 Market St., San Francisco 11; Ed Marck, 444 Dexter Horton Bldg., Seattle 4.

ELECTRO SWITCH CORP., King Street, Weymouth 88, Mass.—Michel Bros., 1015 E. 16th St., Los Angeles; Herman Held, 147 10th St., San Francisco.

ELECTRO - TECHNICAL PRODUCTS DIV., Sun Chemical Corp., Nutley 10, N.J.—Tri-State Supply Corp., 554 Bryant St., San Francisco 7; 544 S. San Pedro St., Los Angeles; 318 Occidental Ave., Seattle.

ELECTRO-THERM, INC., 931 Selim Road, Silver Spring, Md.—J. J. Backer, 2321 2nd Ave., Seattle. O. B. Wilt Co., 1355 Market St., San Francisco, and 4510 Melbourne Ave., Los Angeles 27; Control Equipment of Salt Lake, 323 W. 14th St. South, Salt Lake City.

ELECTRO-VOICE, INC., Buchanan, Mich.—Meyer & Ross Sales Co., 113 Tenth St., San Francisco 3; Fred H. Haight Co., 3212 Eastlake Ave., Seattle 1; McLoud & Raymond, 5528 E. Colfax Ave., Denver 20; I. R. Stern, 7457 Melrose Ave., Hollywood 46, Calif.

ELECTROVECTOR, 1660 E. New York Ave., Brooklyn 12, N.Y.—Baxter Co., 101 Kansas St., San Francisco.

ELGO SHUTTER & MFG. CO., 2738 West Warren Ave., Detroit, Mich.—A. A. Maycock Co., 234 7th St., Salt Lake City. Heating Equipment Mfg. Co., 600 Indiana St., San Francisco 7.

ELLIOTT CO., N. Fourth St., Jeannette, Pa.—Branch Offices: W. R. Dunn, Mgr., 1504 Russ Bldg., San Francisco 4; V. A. Peterson, Mgr., 714 W. Olympic Blvd., Los Angeles 15; H. R. Bushley, Mgr., 1101 Vance Bldg., Seattle 1; A. A. Cooper, Mgr., 308 Union National Bank Bldg., Denver 2; Crocker Wheeler Motor line distributed by leading distributors in all principal cities.

ELLIOTT MFG. CO., 252 Prospect Ave., Binghamton, N. Y.—F. Somers Peterson, 157 13th St., San Francisco, and 1501 S. Maple Ave., Los Angeles.

ELLIOTT ELECTRICAL PRODUCTS CO., 1513 Olmstead Ave., New York City—Fred D. Benz Co., 444 Brannan St., San Francisco 7.

ELPECO, Div. of Roller-Smith Corp., Bethlehem, Pa. (Formerly Elec. Power Equipment Co.)—Mark Mueller, 1644 Blake St., Denver; Clarence W. Silver Co., 550 W. 7th South St., Salt Lake City; J. C. McDougall, 520 1st Ave. S., Seattle, and 1231 N.W. Hoyt St., Portland; Campbell & George, 1601 Cortland Ave., San Francisco; Roy Pearce & Associates, 925 Madison N. E., Albuquerque, N.M.; Roy Peck Associates, 103 N. Santa Anita Ave., Arcadia, Calif.

EL RAY MOTOR CO. INC., 11747 Vose St., North Hollywood, Calif.—R. L. Pflieger & Co., 126 25th Ave., San Mateo, Calif.

ELRECO CORPORATION, 2900 Cormany St., Cincinnati 25, Ohio—J. W. Watkins, 551 Skinner Bldg., Seattle 1; Union Supply Co., 1920 Market St., Denver 2; Carlsbad Supply Co., Carlsbad N. M.; Sales Eng. Co., 629 Dooly Bldg., Salt Lake City.

ELWELL - PARKER ELECTRIC CO., 4252 St. Clair Ave., Cleveland 3, Ohio—Colby Steel & Mfg. Co., 3155 Elliott Ave., Seattle 4; I. G. Perin Co., 575 Howard St., San Francisco 5; Landes, Zachary & Peterson, 2500 W. 7th, Denver 4; J. W. Lafferty Co., 1137 S. Atlantic, Lynwood, Calif.

ELK-MANSTER, INC., 601 E. Crosier, Akron, Ohio—Southern Sales Co., 1100 E. Colorado, Pasadena, Calif.; E. G. Kent, 631 Pollard Road, Campbell, Calif.

EMERSON APPARATUS CO., Melrose, Mass.—Maddox Sales Co., 9121½ E. Third, Los Angeles.

EMERSON ELECTRIC MFG. CO., 8100 Florissant Ave., St. Louis 21, Mo.—West Coast States: Mr. R. E. Bretscher, 524 Arch Place, Glendale 6, Calif. Sold thru leading distributors in all principal cities.

EMERSON RADIO & PHONOGRAPH CORP., 111 8th Ave., New York City 11—Emerson West Coast Corp., 1111 Front St., San Francisco; Century Dist. Co., 1335 S. Grand Ave., Los Angeles 15; Al Jennings Co., 607 W. Washington, Phoenix; Schwabacher Hardware, 401 First Ave. South, Seattle 4; Sunset Electric Co., North 703 Division St., Spokane; Public Dist. Co., 1520 Wazee St., Denver 4, and 5505 Silver Ave., S.W., Albuquerque, N. M.; Billings Hardware Co., Billings, Mont.; Moore Radio Supply, Inc., 157 Motor Ave., Salt Lake City, Utah.

EMPIRE CORP., 1566 South 83rd St., Milwaukee, Wis. — Nourse Equip. Co., 1465 4th St., Berkeley 10, Calif.

EMPIRE APPLIANCE CO., 87-08 Northern Blvd., Long Island City 1, N. Y.—Les Taufenbach Co., 515 Architects Bldg., Los Angeles, and 1355 Market St., San Francisco.

ENAMELED METALS CO., Now Pittsburgh Standard Conduit.

EPCO ELECTRONICS, INC., 140 Liberty St., New York City—Henry W. Rissi, 2724 S. Peck Rd., Monrovia, Calif. Paramount Agencies, P. O. Box 7051 Garland Sta., Spokane 18, Wash.

ERICO PRODUCTS, INC., 2070 E. 61st Pl., Cleveland, Ohio—Northern Calif. and Nev., Pacific Utilities Supply Co., 550 9th St., San Francisco 3; Colorado, So. Idaho, eastern Mont., Wyo., Landes, Zachary & Peterson, 272 S. Santa Fe Dr., Denver; No. Idaho, Western Mont. and Washington, Cascade Distributors, Inc. Arc Welding sold by leading distributors; Railroad Bonds sold direct.

ERICSON MFG. CO., THE, 5209 Euclid Ave., Cleveland 3, Ohio—F. L. Guenther, 2216 First Ave., Seattle 1; Thos. A. Steeds Co., 3259 Wilshire Blvd., Los Angeles; G. R. Tate, 4138 N.E. Broadway, Portland 13.

ERIE ELECTRIC CO., INC., 120 Church St., Buffalo 2, N. Y.—Schueler, Peterson and Smith, Inc., 341 South Central Ave., Los Angeles 13; Campbell & George, 1601 Cortland Ave., San Francisco 10.

ERIE RESISTOR CORP., 644 W. 12th St., Erie, Pa.—Allen I. Williams Co., 124 W. 12th Ave., Denver; Verner O. Jensen, 2016 Second Ave., Seattle; David H. Ross Co., 534 El Camino Real, San Carlos, Calif.; George Osborn, 4433 S. Crenshaw Blvd., Los Angeles 43.

ERIEZ MFG. CO., 1425 Grove Dr., Erie, Pa.—C. D. Sutton, Inc., Los Angeles; Dick Dietrich, 1355 Market St., San Francisco; R. W. Bartley, P. O. Box 2868, Tucson; Brown-Steele Co., 1031 S. Haskell Ave., Dallas 2; Fred G. Greaves Co., 502 Polson Bldg., Seattle 4; Alldredge & McCabe, 847 E. 17 Ave., Denver 18; Power-Mac Corp., 467 S. Van Ness Ave., San Francisco.

ESECO Div., H. K. Porter Co. Inc., 10 Third Ave., Joliet, Ill.—Richard Keith Holtzclaw, 1235 W. Glen Oaks Blvd., Glendale, Calif.

ESS INSTRUMENT CO., 96 S. Washington Ave., Bergenfield, N.J.—Berkeley Eng. & Equip. Co., 2439 Riverside Dr., Los Angeles 39; Johnson Eng. Co., 534 20th St., Oakland 12; Landes, Zachary & Peterson, 3rd South & Main St., Salt Lake City.

ESSEX WIRE CORPORATION, Fort Wayne, Ind.—Factory at Anaheim, Calif. Branch Offices in San Diego, Los Angeles, San Francisco, and Portland.

ESSEX WIRE CORP. OF CALIF., Anaheim, Calif.—District Offices and Warehouses: 2240 E. Washington Blvd., Los Angeles; 1077 Howard St., San Francisco; San Diego and 1702 N. E. Sandy Blvd., Portland.

ESSICK MFG. CO., 1950 Santa Fe Ave., Los Angeles, Calif.—Eric F. Chemnitz, 1355 Market St., San Francisco; Ed Hansen, 630 Security Bldg., Phoenix; A. B. Cline, 1227 South 13th East, Salt Lake City; William H. Fuller, 1038 Palm Ave., Whittier, Calif.; J. W. Rice, 2800 Salado, Austin, Texas; J. O. Pike, 4030 Hastings St., El Paso; Ralph O. Hardesty, 1001 Westlake Ave. North, Seattle; E. P. Murr, 2542 W. 28 Ave., Denver.

ESTATE STOVE CO., (See RCA Estate Appliance)

ESTERLINE-ANGUS, INC., 1201 Main St., Indianapolis, Ind.—T. R. Routh Co., 742 Market St., San Francisco; George L. Hoffman, 3007 S.W. Nebraska St., Portland; J. E. Redmond Supply Co., P. O. Box 869, Phoenix; C. H. Spencer, P. O. Box 1054, Salt Lake City; Brenner-Fiedler & Associates, 661 N. Spaulding Ave., Los Angeles.

ETTCO., 75 Onderonk, Ave., New York City — Fred E. Staible & Sons, 2046 Arapahoe St., Denver 2; The McLoughlin Co., P. O. Box 3255 Terminal Annex, Los Angeles; Keeler-White Co., 615 7th St., San Francisco; Bruce Emmett Co., 830 S.E. Alder St., Portland, and 1016 First Ave. S., Seattle.

EUCLID ELECTRIC & MFG. CO., 50 Edwards St., Madison, Ohio—P. J. Burrill, 2131 Washington Ave., San Leandro, Calif.; Rudy Ferda, P.O. Box 421, So. Pasadena, Calif. Allied Eng. Co., 522 Fourth Ave., S.E., Puyallup, Wash.

EUREKA WILLIAMS CO., Div. of Henney Motors Co., Inc., Bloomington, Ill.—Horn & Co., Inc., 4382 E. Bandini Blvd., Los Angeles; W. J. Lancaster Co., 3150 Third St., San Francisco; Schwabacher Hardware, 401 1st Ave. S., Seattle; N. Schneider Co., 1009 S.W. 5th Avenue, Portland; The Eureka Agency, 4924 N. Division St., Spokane; A. E. Carter, 177 E. Broadway, Salt Lake City; Elec'l Equipment Co. of Arizona, 140 S. 1st Avenue, Phoenix; Taylor Dist. Co., Billings; Boyd Dist. Co., Denver; Salyer Dist Co., Albuquerque; Boyd-Harbaugh, Inc., 2209 Mills St., El Paso; Don Anderson Inc., 1730 H. Street, Fresno, Calif.

EUTECTIC WELDING ALLOYS CORP., 40-40 172nd St., Flushing, N. Y.—F. F. Rochll, Vice Pres., 245 N. Sycamore Dr., San Gabriel, Calif. Distributors: American Supply Co., Berkeley 2; Reymer Machine Co., Billings, Mont.; Idaho Motor Supply Co., Boise; M. L. Foss, Inc., Denver 1; Gordon Duff, Inc., Los Angeles; H. J. Maffeo & Son, Phoenix; Billmeyers Wholesale Distributors, Pocatello; The Portland Machinery Co., Portland; The Galigher Co., Salt Lake; G. S. Parsons Co., San Diego; C. W. Marwedel, San Francisco; Cragin & Co., Seattle; Gibson Welding Supplies, Spokane.

EVERHOT MFG. CO., 57 S. 19th Ave., Maywood, Ill.—Los Angeles Stam & Stay. Co., 1500 S. Los Angeles St., Los Angeles; Patrick & Moise-Klinker Co., 560 Market St., San Francisco 4; C. O. Armstrong, 267 12th St., Oakland 7; Tacoma Rubber Stamp Co., 933 Commerce, Tacoma, Wash.

EVERSON ELECTRIC CO., 1126 Union Blvd., Allentown, Pa.—Dom Politeo, 546 Howard St., San Francisco 5.

EVERSTICK ANCHOR CO., 9th & Kirkwood St., Fairfield, Iowa—Joslyn Pacific Co., San Francisco, Los Angeles, Seattle and Portland; Graybar Electric Co., Inc., San Francisco, Denver; Westinghouse Electric Supply Co., and General Electric Supply Co., all principal cities; Paul A. Douden Co., and Hendrie & Bolthoff, Denver. (See adv. page 25.)

EXCEL ELECTRIC SERVICE CO., 2125 South Western Ave., Chicago 8, Ill.—Knopp, Inc., 4224 Holden Street, Oakland; Fletcher Elec'l Supply Co., 4150 S. Main, Los Angeles; James L. Kearns Co., 7930 S. E. Stark, Portland.

EXECUTONE, INC., 415 Lexington Ave., New York City—Executone Systems Co., 6 Cortland Ave., Fresno, Calif.; 2200 Marengo St., Los Angeles, and 1028 S.W. Third Ave., Portland; Brandenburg & Co., 404 Market St., San Francisco.

F & A PRODUCTS, 1254 Thomas Ave., San Francisco, Calif.—Fred D. Benz Co., 444 Brannan St., San Francisco.

F.A.B. MFG. CO., 1249 67th St., Oakland 8, Calif.—R & J Dick Co., 510 Bryant St., San Francisco; Otrich Corp., 3664 Grand Ave., Oakland; N. W. Chains & Sprockets, Inc., 128 Pine St., Portland, and 3628 E. Marginal Way, Seattle; Hendrics & Bolthoff Co., 1635 17th St., Denver; Metropolitan Supply Co., 358 E. 2nd St., Los Angeles; Industrial Sup. Co., 1647 W. 2nd St., Albuquerque; Bearing Supply, 1429 Van Ness Ave., Fresno; Hopper Machine Works, 2315 M St., Bakersfield; Nickerson Machinery Co., 158 W. 4th South, Salt Lake City; Garrett Supply Co., 130 W. Madison St., Phoenix; Gould Hardware & Machinery Co., 302 5th Ave., San Diego; Renold Chains of Canada, Ltd., 1066 Seymour St., Vancouver, B. C.

FAIRBANKS, MORSE & CO., Fairbanks, Morse Bldg., Chicago 5, Ill.—Branch Offices: 630 3rd St., San Francisco 7; 4535 S. Soto

(Continued on Page 25)

St., Los Angeles 58; 668 Lane St., Seattle 4; 105 S. E. Taylor, Portland 14; 1500 17th St., Denver; 153 W. Second South, Salt Lake City 1.

FAIRCHILD INDUSTRIES, INC., Burlington, Vermont—J. E. Shull & Son, 350 S. Central Ave., Los Angeles 13.

FAIR PLAY MFG. CO., 73 Thayer St., Des Moines, Iowa—James E. Perry, 6512 Selma Ave., Hollywood 28; E. P. Finnigan, 457 9th St., San Francisco.

FALCON EQUIPMENT CO., 1937 Williams Ave., New Brighton, Pa.—Montgomery Brothers in following cities: 1122 Howard St., San Francisco; 1632 N. W. Johnson, Portland; 911 Western Ave., Seattle, and 2113 S. San Pedro, Los Angeles.

FAMCO MACHINE CO., 1340 18th St., Racine, Wis.—H. H. Hobelmann & Co., 390 Bayshore Blvd., San Francisco.

FANNER MANUFACTURING CO., Brookside Park, Cleveland, Ohio—Forrest E. Pope, P. O. Box 249, Burlingame, Calif.; Muth-Richards, 1804 Bush Place, Seattle 44; Slaybaugh - Thompson Co., 100 W. 13th Ave., Denver 4. Sold by Line Material Co., Los Angeles, Salt Lake City, South San Francisco, Seattle.

FANNO SAW WORKS, 224 W. 8th Ave., Chico, Calif.—Sold by leading jobbers all cities. (See adv. page 25.)

FANSTEEL METALLURGICAL CORP., 2200 Sheridan Rd., North Chicago, Ill.—The Gorman Co. c/o Fansteel Metallurgical Corp., 1015 Hope St., South Pasadena, Calif.

FARGO MFG. CO., INC., 845 Main St., Poughkeepsie, N. Y.—Distributed by Line Material Co.; 6490 E. Fleet St., Los Angeles; 5075 Colorado Blvd., Denver; 1333 N.W. 12th Ave., Portland; S. 123 Madison St., Spokane; 1220 West Nickerson St., Seattle 99; 309 Kearns Bldg., Salt Lake City; 360 Shaw Road, South San Francisco, Calif.; J. E. Redwood, 625 W. Madison St., Phoenix; El Paso Saw & Belting Co., 1701 Texas St., El Paso.

FARIES DIV., General Lamp Mfg. Corp., 450 N. 9th St., Elwood, Ind.—Irving Samuels, 1419 So. La Brea Ave., Los Angeles 19.

FARMERS ENGINEERING & MFG. CO., Irwin, Pa.—W. C. Sprague, 302 W. Foothill Blvd., Monrovia, California.

FARR COMPANY, P.O. Box 10187, Airport Stn., Los Angeles 45, Calif.

FARRELLOY CO., 1245 N. 26th St., Philadelphia, Pa.—O. W. Coombs, 1026 S. Olive St., Los Angeles; The Halperin Co., 3306 W. Washington Blvd., Los Angeles 18.

FARVAL CORP., 3249 E. 80th St., Cleveland 4, Ohio—F. Somers Peterson, 157 13th St., San Francisco; Alden Equipment Co., 1741 W. Slauson, Los Angeles 47; J. M. Warner Co., 600 W. 48th Ave., Denver 16; Bearing Sales & Service, 2908 Sixth Ave., South, Seattle 4, 1718 Pacific Ave., Tacoma 2, 2803 Grand Ave., Everett, 1645 N.W. Hoyt St., Portland 9, 255 Seventh Ave. W., Eugene, Ore. and 117 S. Stevens St., Roseburg, Ore.; Sales Eng. Co., 526 W. 8th St., Salt Lake City 4.

FASCO INDUSTRIES, INC., N. Union at Augusta, Rochester, N. Y.—W. W. Wheat & Son, 560 1st Ave. So., Seattle; O. B. Wilt Co., 1355 Market St., San Francisco; J. E. Shull, 350 S. Central Ave., Los Angeles; J. V. Folsom Co., 301 N. Market St., Dallas; D. A. Steinkamp, 936 St. Paul St., Denver.

FAST & CO., John E., 3141 N. Crawford Ave., Chicago 41, Ill.—David Hatton, 19051 S. W. Hilltop Road, Oswego, Ore.

FAST-LOK MFG., CO., 67 Ash St., Bridgeport, Conn.—Walter E. Wallace Co., 445 Bryant St., San Francisco; John Allen Ware & Associates, 301 West G St., San Diego; Shaffer & Nelson Co., 312 Occidental Ave., Seattle; Robert D. Florance & Associates, 2052 Humboldt St., Denver; Jim Shirreffs Co., 1105 S. La Brea Ave., Los Angeles 19.

FEDDERS QUIGAN CORP., 57 Tonawanda St., Buffalo, N.Y.—Alvin R. Braoender, 125 N. W. 5th St., Portland; Stanley S. Chewer Co., 144 West 2nd St., South, Salt Lake City; H. R. Basford Co., 235 15th St., San Francisco and 2310 Leonis Blvd., Los Angeles.

FEDERAL ENTERPRISES, INC., —(See Federal Sign and Signal Corp.)

FEDERAL SIGN & SIGNAL CORP. 8700 S. State, Chicago 19, Ill.—F. M. Nicholas Co., 714 Harrison St., San Francisco; H. H. Van Luven, 120 S. Hewitt St., Los Angeles; Bruce-Emmett Co., 1016 1st Ave. South, Seattle, and 830 S.E. Alder St., Portland. Gregg N. Cloos, 978 Garfield, Denver 6.

FEDERAL PACIFIC ELECTRIC CO., 50 Paris St., Newark 5, N. J. —L. P. Shelley, Western Regional Mgr., 5815 Third St., San Francisco; Branch offices: 3333 San Fernando Road, Los Angeles; 5815 Third St., San Francisco; 1415 Elliott Ave., Seattle; 1306 American Bank Bldg., Portland; P. O. Box 3975, Commerce Sta., Phoenix. Agents: M. Swendsen, P. O. Box 156, Boise; M. & L. Supply, P. O. Box 368, Butte; Elec. Eng. Sales Corp., Box 3148 Sta. A, El Paso; John Elggren, 415 S.W. Temple, Salt Lake City; F. W. Gorman, P. O. Box 223, El Paso, Tex.; Leonard M. Slusser, 318 Dooly Block, Salt Lake City.

FEDERAL PRODUCTS CORP., 7140 Eddy St., Providence, R.I.—J. C. Fletcher, 1415 Folsom St., San Francisco.

FEDERAL SCREW PRODUCTS. INC., 3917 N. Kedzie ave., Chicago 18, Ill.—Harry A. Lasure, 9041 W. Pico Blvd., Los Angeles 35.

FEDERAL TELEPHONE AND RADIO CORP., 100 Kingsland Road, Clifton, N. J.—Don C. & Wm. H. Wallace (Vacuum Tubes only), 1206 Maple Ave., Los Angeles 15. All other products: Maydwell & Hartzell, Inc., 158 11th St., San Francisco 3; 427 W. 5th St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; 306 Dexter Ave., Seattle 4; 814 Paulsen Bldg., Spokane; 324 So. 2nd Ave., Phoenix.

FEEDRAIL CORPORATION, 125 Barclay St., New York City, N. Y.—Allied Industries, 412 Seaton St., Los Angeles 13; E. A. Will, 534 1st Ave. South, Seattle 4; Styco Sales Agencies, 12 East 20th Ave., Denver; Eichorn & Melchior, 749 Bryant St., San Francisco.

FELDMAN CO., 612 So. Wall St., Los Angeles 14. Calif.—Gerald Steinacher, 378 Solana Dr., Los Altos, Calif.; David Bloomfield, 2227 S. Beverly Glen Blvd., Los Angeles 64; Leonard Robin 9301 Dorrington Place, Pacoima, Calif.; Herb Beatus, 13444 Crews St., Van Nuys, Calif.

FEMCO, INC., Irwin, Pa.—Vincent Mfg. Co., P. O. Box 25891, Los Angeles; Western Sales Engineering, 735 South West Temple, Salt Lake City.

Dependable anchorage on all types of jobs. Quickly installed, tough, rust resistant malleable iron means long life.

Available in two-way, three-way, four-way expanding anchors. Also cone type. All of malleable iron.

EVERSTICK ANCHORS...

EVERSTICK ANCHOR CO.
FAIRFIELD, IOWA

WESTERN DISTRIBUTORS
Joslyn Pacific Company, Los Angeles and San Francisco
Seattle and Portland
Graybar Electric Company, Inc., San Francisco and Denver
Westinghouse Electric Supply Company
Paul A. Douden Company and Hendrie & Bolthoff Company, Denver

FENTON CO., 15 Moore St., New York City.—James C. Pope Jr., 1827 S. Hope St., Los Angeles 15; R. Mark Markman, 860 N. Vine St., Los Angeles 38; Ed Brandt, 780 Natoma St., San Francisco 3; G. Golliher, 1003 Grandview Ave., Boulder, Colo.

FENWAL INCORPORATED, Ashland, Mass.—Bellove Co., 420 Market St., San Francisco 11; Wiant Products Co., 1231 N.W. Hoyt St., Portland 9; Richards-Conant, 2415 15th St., Denver; J. C. McDougall Co., 520 First Ave., South, Seattle 4.

FERRANTI ELECTRIC, INC., 30 Rockefeller Plaza, New York City —Roland Olander & Co., 7225 Beverly Blvd., Los Angeles; Burt C. Porter Co., 4310 Roosevelt Way, Seattle.

FERRO ENAMELING CO., 1101 57th Ave., Oakland, Calif.—Hundley Co., 3532 Fletcher Drive, Los Angeles 65.

FERROD MFG. CO., P. O. Box 270, Batavia, Ill.—A. M. Solen, 3033 E. 42nd St., Denver; T. S. Kinney, 2743 4th Ave. S., Seattle; Paul H. Potter, 5107 Telegraph Road, Los Angeles 22.

FIDELITY MACHINE CO., INC., 3908-18 Frankford Ave., Philadelphia, Pa.—H. M. Royal, Inc., 4814 Loma Vista Ave., Los Angeles 11.

FIDELITY TUBE CORP., 906 Passaic Ave., East Newark, N. J.—Les Taufenbach Co., 4866 Valley Blvd., Los Angeles, and 1355 Market St., San Francisco.

FILTEX CORP., 417-23 E. 15th St., Los Angeles, Calif.—Branch Offices: 417-423 E. 15th St., Los Angeles; 4000 Mission St., San Francisco; 316 Arguello St., Redwood City, Calif.; 1030 W. Hillard Lane, Eugene, Ore.; 327 Main Ave. East, Twin Falls, Ida.; 1118 S. 21st Ave., Yakima, Wash.; 1714 E. McDowell Rd., Phoenix, Ariz.

THE FANNO SAW WORKS
PO Box 527 Chico, Calif.

Manufacturers of
Tree Specialty Saws
Pole Saws
and Pruning Saws

Jobbers in all principal cities

FILTRON CO., INC., 131-05 Fowler Ave., Flushing, Long Island, New York—G. S. Marshall Co., 40 S. Los Robles, Pasadena, Calif.

FINDERS MANUFACTURING CO., 3669 S. Michigan Ave., Chicago, Ill.—Ben D. Halperin, 1114 N. Sweetzer, Los Angeles; George E. Spencer Co., 821 N. W. Flanders, Portland 9; Anderson-O'Donnell Co., 1452 Galapago St., Denver.

FINLAND HOUSE, 41 East 50th St., New York City—Branch 8336 West 3rd St., Los Angeles.

FISHER-PIERCE CO., INC., 170 Pearl St., South Braintree, Mass.—Oscar Hogenson, 95 Connecticut St., Seattle; Charles E. Klaus, 1004 S. E. Belmont, Portland; Allen I. Williams, 124 W. 12th Ave., Denver and 210 Caqua Drive, N.E., Albuquerque; Maydwell & Hartzell, Inc., 879 Tennessee St., San Francisco, and 427 W. 5th St., Los Angeles; 306 Dexter Ave., Seattle; 1238 N.W. Glisan, Portland; 814 Paulsen Bldg., Spokane; 324 S. Second Ave., Phoenix.

FLETCHER MFG. CO., 302 E. 2nd St., Dayton, Ohio—Thru electrical wholesale jobbers.

FLEXAUST CO., 100 Park Ave., New York City 7—Smallcomb Electric Co., 1120 S. Main St., Los Angeles 15; Samson Sales Co., 420 Market St., San Francisco; R. E. Chase & Co., 2332 E. 11th St., Tacoma; Republic Supply Co., 1919 Williams St., San Leandro, Calif.; Washington Belting and Rubber Co., 672 E. 11th St., Tacoma.

FLEXO MACHINES CO., 456 N. Aberdeen St., Chicago, Ill.—Kirk-Palka Co., 415 Wall St., Los Angeles 13, and 420 Market St., San Francisco.

FLEXO WIRE (Div. of Copperweld Steel Co.), 70 W. First St., Oswego, N. Y.—Jordan Brookes Co., 5138 W. Jefferson Blvd., Los Angeles 16 and 7 Front St., San Francisco.

FLEXONICS CORP. (formerly Chicago Metal Hose Corp.) 1315 S. Third Ave., Maywood, Ill.—Branch Offices: 1485 Bayshore Blvd., San Francisco and 6331 Hollywood Blvd., Hollywood 28; Alaskan Copper & Brass Co., 902 1st St., South, Seattle and 34 N. E. 7th Ave., Portland; C. W. Marwedel, 1235 Mission, San Francisco; L. A. Rubber & Asbestos Works, 124 E. 3rd St., Los Angeles; Moorlane Co., 275 Klamath St., Denver; Capital City Steel Co., P. O. Box 205, Salt Lake City.

FLOOROLA PRODUCTS, INC., Tioga at Roosevelt Ave., York, Pa.—Electrical & Mechanical Supply Co., 2000 Texas St., El Paso; Floor Machine Co., 1735 Venice Blvd., Los Angeles.

FLORENCE STOVE CO., 205 School St., Gardner, Mass.—Branch Office: 469 Western Merchandise Mart (R. D. Nugent, Div. Mgr.) San Francisco; 301 N. Market St., Dallas. Mr. T. E. Cook, Div. Mgr.

FLUORESCENT FABRICATORS, 1825 Chouteau St., St. Louis, Mo.—M. Levin Dist., Co., 2438 S.W. 4th St., Portland; R. B. Haskell Co., 200 Davis St., San Francisco; R. A. Herren, P. O. Box 281, Alhambra, Calif.

FLUORESCENT FIXTURES OF CALIFORNIA, 352 Shaw Road, South San Francisco, Calif.—Branch offices: R. H. Hirte, Dist. Mgr., 239 West 31st St., Los Angeles; Fred L. Knudsen, 3040 Mission, Sacramento, Calif.; A. G. Miller, Dist. Mgr., 1318 S.W. 1st Ave., Portland; M. J. Hosey, 423 Smith Tower, Seattle; J. E. Pearce, 925 N. Madison, Albuquerque; J. R. Ray, 2150 S. Clayton, Denver.

FLUORESCENT WIRING DEVICES, INC., 50 Tiffany Place, Brooklyn, N. Y.—Electri-Cal, 5455 Hollywood Blvd., Los Angeles; 27 and 2166 Market St., San Francisco 14; Pete Bach Electric, 1223 N.W. 12th Ave., Portland 9.

FOGEL REFRIGERATOR CO., 5400 Eadom St., Philadelphia, Pa.—E. Van Fleet, 446 Fulton St., San Francisco 2; Jack Stone, 430 Beloit Ave., Los Angeles 49.

FOOTE BROS. GEAR & MACHINE CORP., 4545 S. Western, Chicago 9, Ill.—Branch—3529 Firestone Blvd., South Gate, Calif.; Chas. A. Fowler Co., 979 Bryant St., San Francisco; Edward M. Maltby Co., 1718 S. Flower, Los Angeles.

FOREST CITY BIT & TOOL CO., 1206 Kishwaukee, Rockford, Ill.—E. M. Spence, 2720 S. San Pedro, Los Angeles 11.

FOREST ELECTRIC CO., 7216 Circle Ave., Forest Park, Ill.—M. A. Stolaroff, 4622 W. Slauson, Los Angeles.

FORDHAM MFG. CO., 2220 Pearsall Ave., New York City 67—James C. Pope, Jr., 2720 So. San Pedro St., Los Angeles.

FOREDOM ELECTRIC CO., 27 Park Place, New York City 7—G. M. Sullivan, 3108½ Yesler Way, Seattle; Denham Sales Service, 538 Polk St., San Francisco.

FORMICA CO., 4614 Spring Grove Ave., Cincinnati 32, Ohio—Glenn H. Taylor, 1151 Santee St., Los Angeles; A. E. Lilly, 907 Post St., San Francisco 9; H. B. Beswick, Civic Service Center, Room 115, 550 Mercer St., Seattle 9; Robert C. Hockaday, 3380 Harbor Drive, San Diego; Robert N. Power, 208 S.W. Stark St., Portland 4; Robert K. Hudson, 3385 Bannock St., Englewood, Colo.

FORSBERG MANUFACTURING CO., 125 Seaview Ave., Bridgeport, Conn.—Kenneth B. Komp, 2215 S. Broadway, Los Angeles; Wm. A. Matzke, Terminal Sales Bldg., Seattle.

FORTUNE LAMP CO., 32 Maujer St., Brooklyn 6, N. Y.—H. L. Michaels, 1355 Market St., San Francisco.

FORT WORTH STEEL & MACHINERY CO., 3600 McCart St., Fort Worth, Tex.—Branch Office, 3026 E. Olympic Blvd., Los Angeles and 244 Ninth St., San Francisco; W. G. Ballantyne Co., 1215 N.W. Everett St., Portland.

FOSTER TRANSFORMER CO., 3820 Colerain Ave., Cincinnati, Ohio.—R. L. Reid Co., 914 S. Magnolia Ave., Monrovia, Calif.

FOSTER WHEELER CORP., 165 Broadway, New York City 6—Branch Offices: 461 Market St., San Francisco; 714 W. Olympic Blvd., Los Angeles.

FOSTORIA PRESSED STEEL CORP., Fostoria, Ohio—Manufacturers Marketing Service, P. O. Box 277, Menlo Park, Calif. Distributor: Currier Co., Inc., 710 73rd St., Oakland, Calif.; Sprayking, 750 Castelar St., Los Angeles.

FOUCH ELECTRIC MFG. CO., 423 N.W. 9th Ave., Portland, Ore.—Sold thru elec'l jobbers.

FOUR WHEEL DRIVE AUTO CO., Clintonville, Wis.—Branch Offices, district supervisors: Jack Kelly, 2204 Virginia Ave., Pomona, Calif.; Ronald Gehrke, 1256 Cortez, Burlingame, Calif.; Lester Berndt, 8427 S.W. 58th Avenue, Portland. Sold thru FWD distributors all principal cities.

FOWLER MFG. CO., 2545 S.E. Gladstone St., Portland, Ore.—Fowler Distributing Co., 2545 S.E. Gladstone St., Portland, 1054 4th Ave. South, Seattle and So. 163 Lincoln, Spokane; Flint Distributing Co., 316 W. 2nd So., Salt Lake City, and Boise, Idaho; Midland Distributing Co., Billings, Mont.; Parker Co., 4655 Colorado Blvd., Denver.

FOXBORO CO., 86 Neponset Ave., Foxboro, Mass.—Branch at 399 Preda St., San Leandro, Calif., 2306 E. 8th St., Los Angeles, 165 S. 1st, Salt Lake City; 320 S. W. Stark St., Portland 4, 1411 Fourth Ave., Seattle 1.

FRANCE MFG. CO., 10325 Berea Rd., Cleveland, Ohio—Mullenbach Elec. Mfg. Co., 2300 E. 27th St., Los Angeles.

FRANKEL CONNECTOR CO., 27 Vestry, New York City—Robert R. Prussia, 524 Second Street, San Francisco; Rutkin Electric Sales Co., 935 Stanford Ave., Los Angeles; Slaybaugh-Thompson, 100 W. 13th Ave., Denver.

FRANKELITE CO., 1425 Rockwell Ave., Cleveland, Ohio — Lighting Fixtures, Inc., 823 E. 110th St., Seattle 55; H. E. Holland, 63 Redondo Ave., Salt Lake City.

FRASER FURNACE CO., 340 W. Scotts St., Stockton, Calif.—H. R. Basford Co., 235 15th Street, San Francisco.

FREE SEWING MACHINE CO., Rockford, Ill.—Sold through Westinghouse Electric Supply all principal cities.

FREED TRANSFORMER CO., INC. 1718 Weirfield St., Brooklyn 27, N. Y.—H. A. Lasure Co., 9041 W. Pico Blvd., Los Angeles; James P. Hermans Co., 1234 Folsom St., San Francisco.

FRESH'nd-AIRE COMPANY, 221 N. La Salle St., Chicago, Ill.—H. L. Norton, Territory Mgr., 201 Magellan Rd., Arcadia, Calif.; T. A. Payton, Territory Mgr., 882 La Para Ave., Palo Alto; A. H. Huot, Territory Mgr., 2322 McGilvia Blvd., Seattle.

FRIEZ INSTRUMENT DIV., Bendix Aviation Corp., 1400 Taylor Ave., Baltimore 4, Md.—Pacific Scientific Co., 25 Stillman St., San Francisco 7; 1915 First Ave. So., Seattle; 1430 Grande Vista Ave., Los Angeles 23; 500 Dekum Bldg., Portland 4; Denver Fire Clay Co., 2301 Blake St., Denver 7; P.O. Box 836, Salt Lake City 10, and 1209 Texas St., El Paso.

FRIGIDAIRE DIV., General Motors Corp., 300 Taylor St., Dayton 10, Ohio—Branch Offices: W. I. Buchanan, Pacific Sales Regional Mgr., 1355 Market St., San Francisco; R. E. Robertson, Asst. to Regional Manager, 1355 Market St., San Francisco; W. H. Baldwin, Branch Mgr., Frigidaire Sales Corp., 1250 53rd St., Oakland; S. H. Zoellner, Branch Mgr., 3251 Leonis Blvd., Los Angeles 58; E. D. Davis, 215 Wazee Market, Denver.

FRINK CORPORATION, THE Bridge Plaza North, Long Island City, N. Y.—James Mundstock, 320 Market St., San Francisco.

FULLERTON MFG. CORP., Willard Rd., Norwalk, Conn.—Howard Condon, 306 Enterprise Bldg., Denver, Colo. Sold thru leading wholesalers.

FULLMAN MFG. CO., 1209 Jefferson St., Latrobe, Pa.—L. F. Church Co., 750 Natoma St., San Francisco; Jack Payne Co., 431 Colyton St., Los Angeles; Harvey M. Olmstead Co., 3755 Blake St., Denver; Wiant Products Co., 1231 N. W. Hoyt St., Portland 9.

FURNAS ELECTRIC CO., 1082 McKee St., Batavia, Ill.—O. E. Warburg, 1207 E. Eighth St., Los Angeles 21; Charles A. Meier Co., 1473 Harrison St., San Francisco 3; Muth-Richards Co., 1804 Bush Place, Seattle; Nelson English, 1231 N.W. Hoyt St., Portland.

FUSE INDICATOR CORP., 511 Colorado Bldg., Washington, D. C.—Robert J. Arthur, 420 Market St., San Francisco; Guy Whitaker Co., 2020 Washington Blvd., Los Angeles.

FUSITE CORPORATION, 6000 Fernview Ave., Cincinnati, Ohio—Edwin E. Starr, 4101 Rhodes Ave., N. Hollywood; R. R. Slater, 915 Terminal Sales Bldg., Seattle; Charles A. Tuchschmidt, P. O. Box 2626, Phoenix, Ariz.

G.C.A. MFG. CO., 346 Wahconah, Pittsfield, Mass.—Sold thru General Electric Supply Corp., Westinghouse Supply Corp., Graybar Electric Co., Inc., Line Material Co., Joslyn Pacific Co., in all principal cities.

G & W ELECTRIC SPECIALTY CO., 7780 Dante Ave., Chicago, Ill.—W. R. Hendrey Co., Smith Tower Bldg., Seattle; C. E. Ingalls & Sons, Monadnock Bldg., San Francisco; R. E. Cunningham & Son, 530 W. 6th St., Los Angeles; Riter Eng. Co., Kearns Bldg., Salt Lake City; F. W. Gorman, 1701 Texas St., El Paso; H. C. Guire, 715 S. York St., Denver.

G. V. CONTROLS, INC., 26 Hollywood Plaza, East Orange, N. J.—M. A. Stolaroff Co., 4622 W. Slauson, Los Angeles.

GALETRONICS, INC., 2927A East Foothill Blvd., Pasadena 8, Calif.—W. K. Windekind, 1st Ave., No. Seattle 9.

GALLAND-HENNING MFG. CO., 2756 S. 31st St., Milwaukee 46, Wis.—Transmission Eng. Co., 53 Stevenson St., San Francisco; Willard Eng. Co., 1206 S. Maple, Los Angeles; E. C. Wild Co., 825 So. Milwaukee, Denver; J. M. O'Brien, 32 N. Holman, Portland; E. C. Griffin, 524½ First St. South, Seattle.

GARDEN CITY PLATING & MFG. CO., 1750 N. Ashland Ave., Chicago, Ill.—Gilbert Cutler, 4111A Hillcrest Dr., Los Angeles 8.

GARDNER ELECTRIC MFG. CO., 4227 Hollis St., Emeryville, Calif.—Thru offices of Federal Pacific Electric Co., 5815 3rd St., San Francisco; 3333 San Fernando Rd., Los Angeles 65; 1306 American Bank Bldg., Portland 5; 1415 Elliott Ave. W., Seattle 99; 18 E. Lincoln St., Phoenix; Electrical Eng. & Sales Corp., 2030 Texas St., El Paso; M & L Supply Co., 1110 E. Front St., Butte, Mont.

GAST MFG. CORP., 121 Hinkley St., Benton Harbor, Mich.—Brenner-Fiedler & Associates, 661 N. Spaulding Ave., Los Angeles.

GATES & CO., INC., G. W., Hempstead Tpke. & Lucille Ave., Franklin Square, N. Y.—A. S. Aloe Co., San Francisco and Los Angeles; Braun Corp., Los Angeles; Braun-Knecht-Heimann Co., San Francisco; Central Scientific Co., Santa Clara and Los Angeles; Denver Fire Clay Co., Denver; Mine & Smelter Supply, Denver; Scientific Supplies Co., Seattle; University Apparatus Co., Berkeley; Redman Scientific Co. and Technical Instrument Co., San Francisco.

GATTI INC., AURELE M., 524 E. Washington St., Trenton 9, N. J.—Arthur E. Booth, 4124 Beverly Blvd., Los Angeles 4.

GAYNOR ELECTRIC CO., INC., P. O. Box 550, Bridgeport, Conn.—C. J. Gratiot & Sons, 1282 Folsom St., San Francisco, and 2566 San Fernando Rd., Los Angeles.

GEDNEY ELECTRIC CO., Rockefeller Center, New York City 20—W. S. Sanderlin Co., 129 1st Ave. West, Seattle 99, and 201 S. E. Washington Ave., Portland; Rutkin Elec. Sales Co., 835 Stanford Ave., Los Angeles 21; George A. Gray Co., 2720 17th St., San Francisco 10; Darger Co., 328 W. 2nd South St., Salt Lake City; C. D. Belt & Co., 1921 Blake St., Denver 2.

GEIER COMPANY, THE P. A., 1975 E. 61st St., Cleveland 8, Ohio. (See Royal Appliance Mfg. Co.

GEM ELECTRIC MFG. CO., INC., 237 37th St., Brooklyn, N. Y.—George Kraft Co., 1501 N.W. Kearny, Portland; Charles B. Gratiot, 1282 Folsom St., San Francisco; Jack Payne Co., 431 Colyton St., Los Angeles 13; Anderson O'Donnell Co., 1452 Galapago St., Denver.

GENERAL AIR CONDITIONING CO., 4542 E. Dunham St., Los Angeles, Calif. — Denver Moore, 1355 Market St., San Francisco.

WHO makes the RLM units I need?

With the recent revisions in RLM Standards for Industrial Lighting Units, featuring new upward-component fluorescent units, it is more important than ever that you know *who* makes units which conform to these newly-established and recently-revised specifications. This chart gives you the up-to-the-minute answer. It is based on the latest report of the Electrical Testing Laboratories who continually check conformance to RLM Standards. For a complete set of RLM incandescent and fluorescent specifications, as well as the addresses of RLM Manufacturers, send for a complimentary copy of the 1955 RLM Specifications Book.

RLM Standards Institute. Suite 815, 326 W. Madison Street, Chicago 6, Illinois.

HERE is your up-to-the-minute ANSWER!

INCANDESCENT RLM SPECIFICATIONS						These are the MANUFACTURERS who offer RLM-LABELED UNITS	FLUORESCENT RLM SPECIFICATIONS											
#1	#2	#3	#4	#18	#40		TD-1		TD-2		TD-3	D-1		D-2		D-3	SD-1	
100-1000w Dome	100-1000w Deep Bowl	100-1000w Sym. Angle	500 & 1000w High Bay	200-1000w Glassteel Diffuser	500 & 1000w High Bay *		2-40w & 2-38w	2-75w	3-40w	3-75w	2-90w & 2-40w T17	2-40w & 2-38w	2-75w	3-40w	3-75w	2-90w & 2-40w T17	2-40w	2-75w
5		1		2	2	ABOLITE REFLECTOR DIV.												
4	5	2		2		APPLETON ELECTRIC CO.												
5	4	4		3		BENJAMIN ELECTRIC MFG. CO.	OC	OC	OC	OC	OC	OC	OC	OC	OC		C	C
						DAY-BRITE LIGHTING, INC.						O	O	O	O	O	O	O
						EASTERN FIXTURE CO., INC.	O	O	O		O							
2	4	2				ELECTRO SILV-A-KING CORP.	OC	O	OC	O	OC						O	O
						ENDER-MONARCH CORP.	O		O									C
						FLUORESCENT FIXTURES OF CALIF.	OC	O	OC	O		O	O	O	O		C	OC
						GLOBE LIGHTING PRODUCTS, INC.	OC	O	OC	O		OC	OC	OC	OC		O	O
						THE EDWIN F. GUTH CO.	O	O	O	O	O							
						KEYSTONE ELECTRIC MFG. CO.	OC	O	OC	O		O						
						LEADLIGHT FIXTURE CO.	OC	O	OC	O		O	O	O	O			
5			2	2		THE MILLER CO.	OC	O	OC	O	OC	O	O		O			
						MITCHELL MFG. CO.	O		O		O							
4			2	2	2	MULTI ELECTRIC MFG., INC.												
5	4	4				OVERBAGH & AYRES MFG. CO.												
5	4	4	2	2		QUADRANGLE MFG. CO.												
						THE RUBY LIGHTING CORP.	O	O	O	O								
						RUBY-PHILITE CORP.	OC	O	OC	O	O							
						SMITHCRAFT LIGHTING DIV.	OC	O	OC		O	O	O	O	O			
5	4	5		3		SMOOT-HOLMAN CO.	OC	O	OC	O	O	O	O	O	O		O	O
4		1				SPERO ELECTRIC CORP.												
						SUNBEAM LIGHTING CO.	O	O	O	O								
						SYLVANIA ELECTRIC PRODUCTS, INC.	OC	O	OC	O	OC	OC	O	OC	O	OC	O	O
4	2	4		1		WESTINGHOUSE ELECTRIC CORP.	OC	O	OC		O					O	O	
5	4	2				WHEELER REFLECTOR CO.	OC	O	OC	O	OC	OC	O	OC	O	OC	C	C
						WORK-O-LITE CO.	O	O	O	O	O							
						ZANE MFG. CO.	O	O	O	O								

* Aluminum Reflectors all others are Porcelain Enamel

TD-1, 2, 3 — without uplight

D-1, 2, 3 — 5–15% uplight

SD-1 — 20-30% uplight

O = Open End

C = Closed End

Note: Many manufacturers make incandescent RLM Units for more than one lamp size. The numerals refer to the number of different-size RLM Units which the manufacturer offers under the specification.

R-1143

GENERAL CABLE CORP., 420 Lexington Ave., New York City—Branch Offices: R. O. Barnes, Pac. Dist. Mgr., 185 Industrial St., San Francisco 24; J. E. Moore, Branch Mgr., 2906 Leonis Blvd., Los Angeles 58; R. E. Roberts, Branch Mgr., 1137 W. Hanford St., Seattle.

GENERAL CEMENT MFG. CO., 919 Taylor Ave., Rockford, Ill.—Harold L. Newnan, 420 Market St., San Francisco; Barron-Jue Co., 817 S. Hoover, Los Angeles; Gene Piety, 2030 Home Rule St., Honolulu 17, T. H.

GENERAL CERAMICS & STEATITE CORP., Crows Mill Road, Keasbey, N. J.—Cochrane-Barron Co., 408 S. Alvarado St., Los Angeles 57 and 2051 Emerson, Palo Alto; Seatronics, Inc., 911 Western Ave., Seattle 4.

GENERAL CONTROL CO., 1200 Soldiers Field Rd., Boston 34, Mass.—C. B. Rush & Associates, 3757 Wilshire Blvd., Los Angeles; and 1012 S. Claremont, San Mateo, Calif.

GENERAL ELECTRIC COMPANY, General Offices: Schenectady, N.Y.—C. C. Walker, western commercial vice-president—headquarters, 235 Montgomery St., San Francisco; Public Relations Services Division, 235 Montgomery St., San Francisco, R. W. Jackson, Manager, West Coast Region.

AIR CONDITIONING DIVISION: headquarters, Bloomfield, N.J.—W. D. Paulson, sales supervisor, region 4. Headquarters, 1052 West 6th St., Los Angeles; J. H. Shoemaker, field service representive, region 4. Headquarters, 235 Montgomery St., San Francisco; Offices in: Salt Lake City and Seattle.

APPARATUS MANUFACTURING PLANTS: M. W. Johnson, Manager Transformer Plant, 5441 E. 14th St., Oakland; F. E. Strauss, Mgr., Control Plant, 1034 66th Ave., Oakland; D. E. Moorhead San Jose Motor Plant, 1255 S. 1st St., San Jose.

APPARATUS MARKETING DIVISION: headquarters, Schenectady, N. Y.—Pacific District, 235 Montgomery St., San Francisco. User Industries Sales Dept., A. D. Bragg, Manager; Component & Intermediate Distribution Sales Dept., E. S. Bjonerud, Manager; Aviation and Defense Industries Sales Dept., R. W. E. Carruthers; Installation and Service Engineering Dept., O. A. Gustafson, Manager, Pacific Southwest District, 212 N. Vignes St., Los Angeles. User Industries Sales Dept., W. A. Sredenschek, Manager; Component and Intermediate Distribution Sales Dept., L. D. Fowler, Manager; Aviation and Defense Industries Sales Dept., E. S. Thompson, Manager; Installation and Service Engineering Dept., F. L. Savage, Manager, Pacific Northwest District, 710 Second Ave., Seattle—User Industries Sales Dept., J. R. Murphy, Manager; Component and Intermediate Distribution Sales Dept., J. S. Lester, Manager; Aviation and Defense Industries Sales Dept., W. F. Cronin, Manager; Installation and Service Engineering Dept., L. Fudge, Rocky Mountain District, 650 17th St., Denver 2, Colo.—User Industries Sales Dept., L. M. Stauffer, Manager; Component and Intermediate Distribution Sales Dept., D. H. McAllister, Manager; Installation and Service Engineering Dept., J. L. Bauer. *Local sales offices located in:* Oakland, Sacramento, Stockton, San Jose, Fresno, Riverside, and San Diego, Calif.; Phoenix and Tucson, Ariz.; Portland, Medford and Eugene, Ore.; Tacoma, Spokane, Pasco and Wenatchee, Wash.; Salt Lake City, Utah; Boise, Idaho; Billings and Butte, Mont. *Service shops and warehouses located in:* San Francisco, Oakland, Sacramento and Los Angeles, Calif.; Portland, Ore.; Seattle, Wash.; Salt Lake City, Utah.

CHEMICAL & METALLURGICAL DIVISION: *Carboloy Dept.*—5905 Pacific Blvd., Hunting Park, Calif. *Chemical Materials Dept.*, 1052 W. 6th St., Los Angeles 17. *Laminated and Insulating Products Dept.*, 1052 W. 6th St., Los Angeles 17. *Silicone Products Dept.*, 1052 W. 6th St., Los Angeles 17.

CONSTRUCTION MATERIALS DIVISION: headquarters, Bridgeport, Conn.—W. W. Bryan, Mgr., Pacific Sales Dist. headquarters, 3000 E. 46th St., Los Angeles. (District warehouse at above address.) Offices at: 1853 Folsom St., San Francisco; Wire & Cable Department, Oakland operation, 1034 66th Ave., Oakland, W. P. Cook III, Manager; W. W. Bryan, northwestern sales district, headquarters, 710 Second Ave., Seattle; Offices in Portland and Salt Lake City. *Wiring Device Dept.*—formerly Monowatt—(A department of General Electric Company): headquarters in New York City; W. S. Wanke, Pacific Representative, 3000 E. 46th St., Los Angeles.

ELECTRONICS DIVISION: headquarters, Syracuse, New York—*Replacement Tubes and Parts:* W. C. Walsh, western regional manager, 235 Montgomery St., San Francisco; L. M. Robb, District Sales Manager, 235 Montgomery St., San Francisco; R. E. Giannini, District Sales Mgr., 11840 West Olympic Blvd., Los Angeles; T. A. Reese, Dist. Sales Manager, 710 2nd Ave., Seattle.
Communication Equipment: I. M. Ellis, Regional Manager, Communication Center, Redwood City, Calif.; F. I. Deekten, Dist. Sales Mgr., Communication Center, Redwood City; W. H. Nye, Communication Engr., Communication Center, Redwood City; K. J. Worthen, Dist. Sales Mgr., 3460 Wilshire Blvd., Los Angeles; V. E. Stineman, Communication Engr., 3460 Wilshire Blvd., Los Angeles; F. H. Speir, Dist. Sales Mgr., 220 Dawson St., Seattle; H. S. Broughall, Dist. Sales Mgr., 2727 N. 29th Ave., Portland; L. D. Galloway, Communication Engr., 2727 N. 29th Ave., Portland; F. D. Morton, Dist. Sales Mgr., 650 17th St., Denver; D. N. Corbin, Communication Engr., 650 17th St., Denver; G. J. Wing, Dist. Sales Mgr., 200 E. Main St., Salt Lake City; J. A. Estelle, Dist. Sales Mgr., 1102 22nd Ave., Phoenix. *Equipment Tubes:* B. S. Angwin, Regional Sales Manager, headquarters, 11840 W. Olympic Blvd., Los Angeles; R. R. W. Lacy, Los Angeles Application Engr., 11840 W. Olympic Blvd.; K. Giffen, Dist. Sales Mgr., 11840 W. Olympic Blvd., Los Angeles. *Broadcast and TV Transmitting Equipment:* C. T. Haist, District Sales Mgr., 235 Montgomery, San Francisco; F. R. Walker District Sales Mgr., 3460 Wilshire Blvd., Los Angeles. *Radio & Television Dept.*, G. S. Perkins, Dist. Mgr., and John Fesko, Dist. Supervisor, 3460 Wilshire Blvd., Los Angeles; T. C. Gilliland, Dist. Mgr., and George Day, Dist. Service Super., 995 Market St., San Francisco; B. S. Wells, Dist. Mgr., and G. E. Horton, Dist. Service Super., 710 Second Ave., Seattle; D. T. Goodhart, Dist Mgr., 650 17th St., Denver. *Light Military Equipment Dept.:* J. R. Lichty, Dist. Mgr., 212 N. Vignes St., Los Angeles. *Germanium Products Section:* W. O. Hoverman, Dist. Mgr., 11840 W. Olympic Blvd., Los Angeles. *G-E Microwave Laboratory:* H. R. Oldfield, Jr., Mgr., Stanford Industrial Park, Palo Alto.

GENERAL ELECTRIC APPLIANCES CO.: headquarters, Louisville, Ky.—S. B. Maher, Mgr., headquarters, 2957 E. 46th St., Los Angeles 58. Office in San Diego.

GENERAL ELECTRIC SUPPLY CO., headquarters, Bridgeport, Conn.—H. C. Gerster, regional vice president, western region, 3440 Wilshire Building, Los Angeles; R. J. West, Los Angeles District Office Manager, 700 Turner St., Los Angeles; San Diego Branch, 450 Second Ave., M. A. Hoff, local house mgr.; Long Beach Branch, 840 W. 12th St., K. C. Moulton, local house mgr.; Phoenix Branch, 1102 N. 22nd Ave., R. P. Porter, local house mgr.; Tucson Branch, 2 East 6th St., R. P. Porter, local house mgr.: San Bernardino, 485 S. "I" St., V. S. Cooper, local house mgr.; C. W. Goodwin, Jr., District Office Mgr., San Francisco District, 1201 Bryant St., San Francisco; Oakland Branch, 5400 Hollis St., Emeryville; E. M. Ames, District Office Mgr., Sacramento District, 1311 "S" St., Sacramento; W. L. Duncan District Office Mgr., Fresno District, 1234 "O" St., Fresno; Bakersfield Branch, 1344 33rd St., Bakersfield. D. M. Burdick, District Office Manager, Denver District, 1429 18th St., Denver; Albuquerque Branch, 820 N. 1st St., F. A. Dunn, local house mgr.; Casper, Wyoming, Branch 428 S. Elm St., K. R. Brown, local house mgr.; B. L. Heywood, District Office Mgr., Portland District, 300 N.W. 14th Avenue, Portland, Oregon; Spokane Branch, E. 1805 Trent Ave., W. H. Pace, local house mgr.; R. S. Belnap, Dist. Office Mgr., Salt Lake City Branch, 312 W. 2nd South St., Salt Lake City; Boise, Idaho, Branch, 618 S. 8th St., M. M. Saville, local house mgr.; Butte, Montana, Branch, 900 E. Front St., L. Carmody, local house mgr.; Billings, Montana, Branch, 2710 Montana Ave., H. R. Ellerby, local house mgr.; O. B. Hubenthal, District Office Mgr., Seattle District, 1212 First Ave., S., Seattle; Tacoma Branch, 2316 "A" St., J. R. Tilley, local house mgr.

HOTPOINT CO. (Division of General Electric Company), headquarters, Chicago, Illinois—V. E. Koch, Manager, San Francisco Dist. headquarters, 1355 Market St., San Francisco; R. W. Rennewanz, Dist. Mgr., Los Angeles Dist., 905 Tishman Bldg., 3460 Wilshire Blvd., Los Angeles; H. G. Peters, Zone Mgr., 2475 S. Birch St., Denver.

LAMP DIVISION: headquarters, Cleveland, Ohio.—*Large Lamp Dept.:* F. M. Falge, Pacific Sales Dist. Mgr., 999 98th Ave., Oakland 3; E. C. Herron, South Pacific Sales Dist. Mgr., 3450 Wilshire Blvd., Los Angeles; C. A. Rost, Portland; D. D. Scarff, Seattle; J. P. Roger, Denver; R. D. Paine, Mgr., Oakland Lamp Plant, 1648 16th St., Oakland (manufactures standard incandescent lamps); Donald Couture, Los Angeles Service Dist. Mgr., 1855 Industrial St., Los Angeles; T. C. Hook, Oakland Service Dist. Mgr., 999 98th Ave., Oakland. *Miniature Lamp Dept.:* E. E. Coleman, West Coast Sales Dist. Mgr., 3450 Wilshire Blvd., Los Angeles 5. *Photo Lamp Dept.:* L. H. Hruby, Western Sales Dist. Mgr., 5525 Wilshire Blvd., Los Angeles 36.

LOCKE (Department of General Electric Company), headquarters, Baltimore.—T. E. Traugott, Regional Mgr., 1229 Burlingame Ave., Burlingame. *Represented by G.E. Supply Company in:* Los Angeles, Portland, Seattle, Denver and San Francisco.

MAJOR APPLIANCE DIVISION: headquarters, Louisville, Kentucky—H. P. Gough, Regional Manager, 436 Peninsular Ave., San Mateo, Calif.

SMALL APPLIANCE DIVISION: headquarters Bridgeport, Conn.—*Automatic Blanket and Fan Dept.:* H. W. Hamilton, San Francisco Dist. Rep. (blankets), 1090 Bryant St., San Francisco; R. E. Weldon, Los Angeles Dist. Rep. (blankets), 212 N. Vignes St., Los Angeles; J. B. Kopp, Dist. Rep. (fans and heating pads), 212 N. Vignes St., Los Angeles; K. W. Engel, Seattle Dist. Rep., 401 Westlake Ave. N., Seattle. *Clock and Timer Dept.:* J. T. Casey, Regional Sales Mgr., 712 S. Olive St., Los Angeles; J. J. Burns, San Francisco Dist. Rep., 1355 Market St., San Francisco; N. A. Langerfeld, Dist. Rep., 401 Westlake Ave. N., Seattle. *Electric Housewares Dept.:* M. M. Wheeler, Pacific Region Mgr., 1090 Bryant St., San Francisco; G. H. Harker, Los Angeles Rep., 212 N. Vignes St., Los Angeles; R. A. Crabb, 200 S. Main St., Salt Lake City; R. S. Parkington, 401 Westlake Ave. N., Seattle. *Vacuum Cleaner Dept.:* C. J. Hill, San Francisco Dist. Rep., 1090 Bryant St., San Francisco; J. W. Kern, Los Angeles Dist. Rep., 212 N. Vignes St., Los Angeles; R. E. Lyford, 200 S. Main St., Salt Lake City. *Service centers located in:* San Francisco, Los Angeles, Seattle. Ontario Works—manufactures flatirons: W. Batchelor, Mgr., Main St. and Euclid Ave., Ontario, Calif.

INDUSTRIAL POWER COMPONENTS DIV., Distribution Assemblies Dept. (formerly Trumbull Dept.): headquarters, Plainville, Conn.—E. J. Hurson, Western Mgr., 555 Minnesota St., San Francisco; L. M. Kerkhoff, San Francisco Dist. Mgr., 555 Minnesota St., San Francisco; A. F. Rogers, Los Angeles Dist. Mgr., 11115 Vanowen St., North Hollywood; K. E. Glover, Plant Mgr., 11115 Vanowen St., North Hollywood.

X-RAY DEPARTMENT (of General Electric Company): headquarters, Milwaukee, Wisconsin—G. R. Borgmann, Dist. Mgr., 1338 Glenarm St., Denver; J. E. Watkins, Zone Mgr., 430 16th St., Denver; L. M. Rasmussen, Dist. Mgr., 1269 Howard St., San Francisco; C. H. McMillan, Mgr., 1225 N. Vermont Ave., Los Angeles; A. H. Jordan, 521 Grape St., San Diego; C. H. Morris, Dist. Mgr., 615 S.W. 13th Ave., Portland; R. S. Robinson, 217 8th Ave., N., Seattle; K. S. Dawson, Dist. Mgr., 215 S. 4th E., Salt Lake City; J. P. Quinn, 340 1st Ave., Spokane; J. E. Pixton, 103 N. Wyoming St., Butte; M. A. Schroeder, 821 W. Adams St., Phoenix; H. T. Frederickson, 645 Hornby St., Vancouver, B. C.

ATOMIC PRODUCTS DIVISION: *Atomic Power Equipment Dept.*, Commonwealth Edison Project, J. E. Maider, Manager of Project, 2155 S. First St., San Jose. *Aircraft Nuclear Propulsion Dept.*, Idaho Test Station, W. H. Perry, Manager, Idaho Falls, Ida. *Hanford Atomic Products Operation*, Richland, Wash.

GENERAL ELECTRONICS, INC., 101 Hazel St., Paterson, N. J.—Nickerson & Rudat, 383 Brannan St., San Francisco.

GENERAL FLOORCRAFT, INC., 421 Hudson St., New York City 14—Bart-Kinnison Co., 1355 Market St., San Francisco; J. E. Shull, 3601 Whittier Blvd., Los Angeles; Boyd Robertson, 212 World Merchandise Mart, Seattle.

GENERAL INDUSTRIES CO., Olive & Taylor Sts., Elyria, Ohio—James J. Backer Co., 2321 Second Ave., Seattle 1; W. Bert Knight Co., 13037 W. Pico Blvd., Los Angeles 64; Gordon G. Moss, P.O. Box 428, Greeley, Colo.; Moulthrop & Hunter, 165 11th St., San Francisco 3.

GENERAL INSULATED WIRE WORKS, INC., 69 Gordon Ave., Providence, R. I.—Tubergen Associates, 2232 W. 11th St., Los Angeles.

GENERAL LAMPS MFG. CORP. (See Faries Div.).

GENERAL PACIFIC CORP., 8740 Washington Blvd., Culver City, Calif.—Branch Offices: 127 10th St., San Francisco 3; 416 Bell St., Seattle 1; 6648 Vigo Dr., San Diego 3; 1220 S. W. Stark, Portland; 3351 So. Fairfax, Denver.

GENERAL RADIO COMPANY, 275 Massachusetts Ave., Cambridge 39, Mass.—General Radio Co., 1000 No. Seward St., Los Angeles 38, Calif.

GENERAL REFRIGERATION DIV., Yates American Machine Co., Beloit, Wis.—(See Yates.)

GENERAL SWITCH CORP., 45 Roebling St., Brooklyn, N. Y.—Keeler, White Co., in following cities; 422 N.W. 4th St., Portland; 1041 6th Ave. So., Seattle 4; 615 7th St., San Francisco 3; So. 121 Madison St., Spokane 8; Jack Payne, 431 Colyton St., Los Angeles.

GENERAL TRANSFORMER CO., 18240 Harwood Ave., Homewood, Ill.—Marshank Sales, 7422 Melrose, Los Angeles; Win W. Thompkins & Co., 941 Newell Road, Palo Alto, Calif.

GENERAL WATER HEATER CORP., 240 N. Front St., Burbank, Calif.

GEORGE CO., P. D., 5200 N. Second St., St. Louis 7, Mo.—Insulation and Wires, Inc., 6415 E. Fleet St., Los Angeles 21; 1077 Howard St., San Francisco 3, and 525 N. Tillamook St., Portland.

GERILITE FIXTURE CO., 411 S. Isis, Inglewood, Calif. — M. A. Wagner, 1075 Broadway, Belmont, California.

GERINGER & SONS MFG. CORP., Peekskill, N. Y.—M. Porter, 615 S. Cochran Ave., Los Angeles 36; George Stallman, 129 1st Ave. W., Seattle.

GIANNINI & CO. INC., G. M., 918 E. Green St., Pasadena, Calif.—R. L. Pflieger, 126 25th Ave., San Mateo, Calif.; Kittleson Co., 416 N. La Brea Ave., Los Angeles 36; Giannini Datex Div., 1307 Myrtle Ave., Monrovia.

GIBSON ELECTRIC CO., 5350 Frankstown Ave., Pittsburgh 21, Pa.—E. A. Wilcox Co., 277 Seventh St., San Francisco, 2202 S. Atlantic Blvd., Los Angeles; 915 Arctic Bldg., Seattle.

GIBSON REFRIGERATOR CO., 515 W. Williams, Greenville, Mich.—J. J. Lukanish Co., 1355 Market St., San Francisco; Seattle Hdwe. Co., 501 1st Ave., So., Seattle; Electrical Dist., Inc., 140 N.W. 14th St., Portland; Billings Hardware, 2702 Montana Ave., Billings; Jensen-Byrd Co., 310 Riverside Ave., Spokane; S. R. Ross, Inc., Salt Lake City; K. V. Distributing Co., Denver; Graybar Electric Co., Los Angeles, Long Beach, San Diego and Phoenix.

GILBERT CO., THE A. C., Erector Square, New Haven, Conn.—Dist. Manager, 151 Alberta Ave., San Carlos, Calif.

GILBERT MFG. COMPANY, 24-20 46th St., Long Island City 3, N.Y.—Tubergen Associates, 2232 W. 11th St., Los Angeles 6.

GILL ELECTRIC MANUFACTURING CORP., 624 W. Citrus Ave., Redlands, Calif.—J. E. Shull, 3601 Whittier Blvd., Los Angeles 13; Lee Arter Co., 1355 Market St., San Francisco 3, and 672 S. Lafayette Park Pl., Los Angeles 5.

GILL GLASS AND FIXTURE CO., Amber & Tioga Sts., Philadelphia, Pa.—Branch Offices: 1085 Monadnock Bldg., San Francisco.

GIVEN MFG. CO., 3301 E. Fruitland, Los Angeles 58—Branch, 1401 3rd St., San Francisco; Richard Finklea, Box 3851, Portland; Stanley Rudnick, 1100 14th St., Denver; Rex W. Williams, Box 2016, Salt Lake City.

GLATTHAR LIGHTING CO., 949 East 72nd St., Cleveland 3, Ohio—Allied Elec'l Agencies, 1431 Minor Ave., Seattle 1.

GLEASON REEL CORP., Mayville, Wis.—Donald T. Elliott, 420 Market St., San Francisco.

GLENN ELECTRIC HEATER CORP., 254 Canal St., New York City—West Coast Plastic Distributors, 4113 W. Jefferson St., Los Angeles.

GLOBAR DIVISION, the Carborundum Co., Niagara Falls, N. Y.—Branch offices: Los Angeles and D. S. Bowman, Alviso Road & Evelyn Ave., Mountain View, Calif.

GLOBE AMERICAN CORP., Macomb, Ill. — (See Makomb Steel Prod.)

GLOBE INDUSTRIES, INC., 1800 Stanley Ave., Dayton 4, Ohio — Joe Davidson and Associates, 2803 Los Flores Blvd., Lynwood, Calif.

GLOBE LIGHTING PRODUCTS, INC. 2121 S. Main St., Los Angeles, Calif.—R. E. Lagerstrom, 2739 10th Ave., Oakland 6; Luke Simpson, Bank of America Bldg., San Diego; Harry Ream Sales Agency, 1028 Champa, Denver; Joe Pellicano, 10032 N. E. Skidmore, Portland and 16315 28th Avenue N. E., Seattle 55; P. Chambers, 1509 N. Van Ness Ave., Santa Ana; A. E. Linzer, 307 Liliuekalani Ave., Honolulu.

GLOBE HEAT-SEAL, INC., 3380 Robertson Blvd., Los Angeles, Calif.—Direct through machinery dealers.

GLOBE STEEL TUBES CO., (See Babcock & Wilcox—Tubular Prod. Div.)

GLOLITE CORPORATION, 1472 Merchandise Mart, Chicago, Ill.—Jerry Smilowe, 1206 S. Maple Avenue, Los Angeles; Mountain States Sales, 210 Mining Exchange Bldg., Denver; Pete Dilman, 346 S. First St., Phoenix.

GODFREY & WING, INC., 2110 Superior Ave., Cleveland, Ohio—Lange-Puckner, 9228 Brier Rd., La Mesa, Calif.; Ray Terral, Newhouse Hotel, Salt Lake City.

GODFREY MFG. CO., 2642 S. Michigan Ave., Chicago, Ill.—Ra-Tone Electronics Co., 325 N. 4th St., Phoenix; Rollins Electric, 804 S. Atlantic Blvd., Monterey Park, Calif.; Kopf Sound Supply, 324 Hayes St., San Francisco.

GOLDEN - ANDERSON VALVE SPECIALTY CO., 1232 Ridge Ave., Pittsburgh, Pa.—R. P. Carmien Co., 813 San Fernando Bldg. Los Angeles; W. S. Turner Co., Pacific Bldg., Portland; Fred Greaves, 3215 Western Ave., Seattle; Bert Gurney Associates, 11112½ Farnam Ave., Seattle; Industrial Materials Co., 2855 Walnut St., Denver; Robert D. Lee, Billings, Mont. Leighton Stone Corp., 770 Folsom St., San Francisco.

GOODLINE CORP., 307 Date Ave., Alhambra, Calif.—James C. Pope, Jr., 2720 S. San Pedro, Los Angeles 11; Dale G. Weber, 234 Sherlock Bldg., Portland; John C. Corder, Jr., 1624 No. First St., Albuquerque.

GOODRICH MFG. COMPANY, Bayshore Highway, San Francisco, Calif.

GORDON CO., CLAUD S., 3000 S. Wallace St., Chicago, Ill.—Pacific Scientific Co., 25 Stillman St., San Francisco; 1430 Grande Vista, Los Angeles; 1915 First Ave. So., Seattle and Terminal Sales Bldg., Portland.

GEO. A. GRAY COMPANY

2720 17th St., San Francisco 10, Calif. HE. 1-1526

MANUFACTURERS' REPRESENTATIVES

AUTH ELECTRIC CO.—Signal systems and devices.
CONDUIT NIPPLE MFG.CO.—Nipples, elbows, couplings, running thread.
GEDNEY ELECTRIC COMPANY—Conduit fittings, bushings, ground clamps.
GRAYSIX COMPANY—Fish steel, outlet box covers, special cord sets.
HENDERSON ELECTRIC COMPANY—Conduit bending tools.
McGILL MFG. CO.—Levolier switches, lamp guards, portables, lamp changers.
PORCELAIN PRODUCTS, INC.—Knobs, tubes, wire holders, insulators.
THE WIREMOLD COMPANY—WIREMOLD raceways, lighting strips, loom, fluorescent fixtures, **PLUGMOLD**.

GOTHAM LIGHTING CORP., 37-01 31st St., Long Island City, N.Y.—Wm. O. Proby & Associates, 522 First Ave. South, Seattle 4; 135 Northeast Park Ave., Portland 9; 121 S. Madison St. Spokane 8; Louis D. Black, 4806 Santa Monica Blvd., Los Angeles 27 and 1315 25th St., San Diego; C. T. Bakeman & Associates, 445 Bryant St., San Francisco 3; Wm. Benndorf Co., P.O. Box 1926, Phoenix.

GOTHARD MFG. CO., 2116 Clear Lake Ave., Springfield, Ill.—E. L. Berman Co., 780 Natoma St., San Francisco.

GOULD NATIONAL BATTERIES, INC., 467 Calhoun St., Trenton, N.J.—Branch Offices: C. H. Hart, Regional Mgr., 244 Fremont St., San Francisco; 829 15th St., Denver 2; 415 South 2nd East, Salt Lake City.

GOULDS PUMPS, INC., 200 Fall St., Seneca Falls, N. Y.—R. M. Wade & Co., 1919 N.W. Thurman St., Portland and 532 First Ave. South, Seattle; Pump Engineering Co., 2011 Santa Fe Ave, Los Angeles; Woodin & Little, Inc., 33-41 Fremont St., San Francisco; Warner Co., 1600 15th St., Denver; Midland Implement Co., Billings; Gilbert Pump & Equipment Co., 4532 East Washington St., Phoenix; Steve Regan Co., 451 S. 3rd St., Salt Lake City.

GRAND HOME APPLIANCE CO., 2323 E. 67th St., Cleveland 4, Ohio—Washington Stove Works, Box 919, Everett, Wash.; Billings Hdwe. Co., Billings, Mont.; Strevell-Paterson Co., 126 South West Temple, Salt Lake; J. H. Nicodemus, 230 S. 4th West, Salt Lake; Boyd Dist. Co., 20 W. 13th St., Denver.

GRAYHILL, 561 Hillgrove Ave., La Grange, Ill.—Nickerson & Rudat, 383 Brannan St., San Francisco; Tubergen Associates, 2232 W. 11th St., Los Angeles; Peyser & Co., 1501 N. Weber St., Colorado Springs, Colo.; Richard R. Legg Co., 2118 S. E. Division St., Portland 2.

GRAY INSTRUMENT CO., 66 W. Johnson St., Philadelphia, Pa.—James L. Kearns Co., 6055 N.E. Glisan, Portland 13.

GRAYSIX COMPANY, 2427 4th St., Berkeley, Calif.—George A. Gray Co., 2720 17th St., San Francisco 10.

GREAT LAKES ELECTRIC MFG. CO., 17 S. Desplaines St., Chicago 6, Ill.—W. C. King, 912 E. Third St., Los Angeles 13.

GREAT WESTERN DIV., Interlectric Corp., 523 Brushton Ave., Pittsburgh, Pa.—F. M. Nicholas Co., 714 Harrison St., San Francisco; Bruce-Emmett Co., 830 S.E. Adler St., Portland, offices in Seattle; Michel Bros., 1015 E. 16th St., Los Angeles.

H. R. GREENE AND SONS,

3800 Lincolnway West, South Bend, Ind.

Manufacturers of Portable Hack Saw attachments for electric hand drills—specialty tools.

Represented by
J. H. KAY
10531 S. Julius Ave. Downey, Calif.
COLLINS H. GILLETT CO.
2501 Crestmont Pl. Seattle, Wash.

GREEN, INC., R. H., 1201 24th St., Oakland, Calif.—Maddox Sales Co., 912½ E. Third St., Los Angeles.

GREENE ELECTRIC FURNACE CO., 2702 6th Ave. So., Seattle 4, Washington.

GREENE, H. R., & SONS, 3800 Lincoln Way West, South Bend 28, Ind.—J. H. Kay, 10531 S. Julius Ave., Downey, Calif.; C. H. Gillett Co., 2501 Crestmont Pl., Seattle. (See adv. page 29.)

GREENLEE TOOL CO., 2136 12th St., Rockford, Ill.—Lippincott Co., Inc., 1052 W. 6th St., Los Angeles 14; 995 Market St., San Francisco 5, 911 Western Ave., Seattle 4 and 149 W. 2nd South St., Salt Lake City.

GRIEVE-HENDRY CO., 1401 West Carroll Ave., Chicago, 7, Ill.—Eastman Pacific Co., 2320 E. 8th St., Los Angeles; Paramount Mfg. Co., 900 Mills Building, San Francisco; Braun Co., 2260 East 15th St., Los Angeles; Braun-Knecht-Heimann Co., 1400 16th St., San Francisco; Denver Equipment Co., 1400 17th St., Denver; Adolph Frese Corp., 116 W. 17th St., Los Angeles; Machinery and Tool Supply, West 321 Second Ave., Spokane; A. C. Furlong Co., 1730 N. E. 51st St., Portland; Fred G. Littlejohn, 4511 Melrose Ave., Los Angeles; Tri-State Supply Co., 318 Occidental Ave., Seattle 4; The Denver Fire Clay Co., P. O. Box 5510, Denver 17; The Mine & Smelter Supply Co., P. O. Box 5270 Terminal Sta., Denver 17.

GRIFFIN LAMP CO., 405 So. 3rd St., Hamilton, Ohio—Harry O. Younger, 1170 Laurel St., Pasadena, Calif.; Jack Duval, 1420 Castro St., San Francisco; D. James Murray, 308 Ninth Ave., No., Seattle; The Cronin Co., Portland.

GRISWOLD MFG. CO., 1063 W. 12th, Erie, Pa. — W. F. Smith, 6356 Drexel Ave., Los Angeles; G. R. Woodward, 504 Merchandise Mart, Denver; B. W. Brown, 526 Governor Stevens Ave., Olympia, Wash.

GRUEN LIGHTING CO., 3336 W. 3rd St., Los Angeles—Oscar Hogenson, 95 Connecticut St., Seattle; Wm. Ashton, Rialto Bldg., San Francisco; Fred Adams, El Paso; O'Neil & Associates, P. O. Box 244, Great Falls, Mont.; Joseph R. Ray, 2150 S. Clatton, Denver; R. E. Tweedy, 914 W. Madison St., Phoenix.

GUARDIAN ELECTRIC MFG. CO., 1621 West Walnut St., Chicago 12, Ill.—Logan Sales, 154 8th St., San Francisco 3; Marsh Agencies, 2601 1st Ave., Seattle 1; Roy E. Renz, 1406 So. Grand Ave., Los Angeles 15; Frank Y. Gates, 200 South Main St., Salt Lake City 1.

GUDEMAN CO., 840 West Huron St., Chicago, Ill.—Branch office: The Gudeman Co. of Calif., 190 Commercial St., Sunnyvale, Calif.; Dielectron Div., 2661 So. Myrtle St., Monrovia, Calif.; Ash M. Wood Co., P. O. Box 150, El Monte, Calif.; Harry Levenson Co., 1117 2nd Ave., Seattle.

EDWIN F. GUTH COMPANY, 2615 Washington St., St. Louis, Mo.—Dan H. Radke Co., 754 Natoma St., San Francisco 3; Gaer, Florance & Associates, 2052 Humboldt, Denver; John Allen Ware, Sr., 301 West G St., San Diego; John Allen Ware, Jr., 4807 No. 29th Place, Phoenix; W. D. Evans, Jr., 1117 S. Robertson Blvd., Los Angeles 35; W. A. Crowder, 602 Empire State Bldg., Spokane.

GUTHMAN & CO., INC., EDWIN J., 15 S. Throop, Chicago, Ill.—Conrad R. Strassner, 1865 N. Western Ave., Los Angeles 27.

H-B INDICATOR CO., 915 Terminal Sales Bldg., Seattle 1, Wash.—Northwest Sales and Eng. Service Co., 915 Terminal Sales Bldg., Seattle; A. J. Nelson Co., P.O. Box 2244, Denver, Colo.; Tri-State Supply Corp., 554 Bryant St., San Francisco; 544 So. San Pedro, Los Angeles; 318 Occidental Ave. Seattle.

H-B INSTRUMENT CO., American & Bristol Sts., Philadelphia, Pa.—Oscar Hogenson, 95 Connecticut St., Seattle 4; H. D. Prowell Co., 2335 E. 8th St., Los Angeles 21; Bellfove Co., 420 Market St., San Francisco 11, Calif.; Chas. E. Klaus, 1004 S. E. Belmont, Portland; R. Sydney Hopkins, 4855 Elmwood Ave., Los Angeles 4.

HD ELECTRIC COMPANY, 740 Osterman Ave., Deerfield, Ill.—L. A. Nott, 1061 Howard St., San Francisco; T. S. Wood, 220 Ninth Ave., North, Seattle; J. E. Redmond, 625 W. Madison, Phoenix; W. D. Howse & Co., 5603 No. Figueroa St., Los Angeles 42; Mt. States Machinery, 1526 Blake St., Denver; Frank Gorman, 1701 Texas St., El Paso.

HAARTZ-MASON CO., Watertown, Mass.—Elec. Specialty Co., 158 Eleventh St., San Francisco; 2820 East 12th St., Los Angeles; 2406 1st Ave. So., Seattle, 1101 Stout St., Denver 2; 324 S. 2nd Ave., Phoenix.

HACKENSACK CABLE CORP., 110 Orchard St., Hackensack, N. J.—McCune-Merifield Co., 900 Western Ave., Seattle 4; 61 Fremont St., San Francisco; 1881 So. Los Angeles St., Los Angeles; 335 Atlas Building, Salt Lake City.

HAGEN MFG. CO., INC., Moline, Ill.—Agencies Co., 836 Traction Ave., Los Angeles.

HALEDY ELECTRONICS CO., 87 William St., New York City—Neely Enterprises, 7422 Melrose Ave., Hollywood, 107 Washington St. S.E., Albuquerque, 32 West Jefferson St., Phoenix; 2830 Geary Blvd., San Francisco 18, 309 Ochsner Bldg., Sacramento; James L. Kearns Co., 7930 S.E. Stark St., Portland 16.

HALEY & CO. INC., R. G., 767 Spitzer Bldg., Toledo, Ohio—R. G. Haley Corp., 318 Weisgerber Bldg., Lewiston, Idaho.

FRED C. HALL CO.
Hall Hydraulic Derricks
Hall Aerial Ladders
17 Cedar St.
San Carlos, Calif.
LYtell 3-6680

HALL CO., FRED C., 17 Cedar St., San Carlos, Calif. — American Truck Equip. Co., Swan Island, Portland. (See adv page 30.)

HALLICRAFTERS CO., 4401 W. 5th Ave., Chicago, Ill.—James J. Backer, 2321 Second Ave., Seattle; George Davis Sales Co., 5259 E. Beverly Blvd., Los Angeles; Wm. J. Purdy, 312 Seventh St., San Francisco.

HAMILTON BEACH CO., Div. Scovill Mfg. Co., 1509 Rapids Dr., Racine, Wis.—Paul A. Douden, 1645 Wazee St., Denver; E. F. Steffan, 4649 Sunnybrea Dr., Bellevue, Wash.; E. E. Place, 19151 Oriente Dr., Yorba Linda, Calif.; R. P. Wright, 1510 136th Ave., San Leandro, Calif.

HAMILTON MFG. CO., Two Rivers, Wis.—Branch Office: Harry J. Moeller, Regional Representative, 901 SW. King Ave., No. 918, Portland 5. W. C. Cox, (L. A. reg. mgr.), 315 Pirate Road, Newport, Calif.; Leading Electrical distributors all principal cities.

HAMMARLUND MFG. CO., INC., 460 W. 34th St., New York City—King-Moon Co., 1355 Westwood Blvd., Los Angeles 24.

HANCOCK ELECTRONICS CORP., 576 Grand Ave., Oakland, Calif.—Koessler Sales, 1355 Market St., San Francisco, and 6907 Melrose Ave., Los Angeles 28.

HANOVIA CHEMICAL & MFG. CO., 100 Chestnut St., Newark 5, N. J.—Branch Office: 760 Market St., San Francisco; C. C. See, Mgr.

HANSEN MFG. CO., INC., R.R. 1, Princeton, Ind.—Wm. J. Goebel, 225 West 23rd St., Los Angeles.

HARDWICK, HINDLE, INC., 40 Hermon St., Newark 5, N. J.—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles 16; 61 W. Renato Court, Redwood City, Calif.

HARING SWITCH PLATE CO., 306 5th, Perkasie, Pa.—Ralph W. Sullivan, 420 Market St., San Francisco; Colorado Western Sales Co., 501 Broadway, Denver.

HARPER ELECTRIC FURNACE CORP., 39 River St., Buffalo 2, N. Y.—Kent H. Power, 716 Wilshire Blvd., Santa Monica, Calif.

HARPER CO., H. M., 8200 Lehigh Ave., Morton Grove, Ill.—Branch Offices: 535 E. 31st St., Los Angeles and 3855 Piedmont Ave., Oakland 11, Calif.; Representatives—A. Roth, 4321 Dover St., Wheat Ridge, Colo.; T. Blunden, 1502 Olive Way, Seattle 22.

HART MANUFACTURING CO., 110 Bartholomew Ave., Hartford, Conn.—E. B. Cook Co., 1063 Howard St., San Francisco; H. H. Van Luven Co., 120 S. Hewitt St., Los Angeles; H. D. Campbell & Associates, 501 Jones Bldg., Seattle.

HART TOLEDO INC., 1932 N. 13th St., Toledo, Ohio—Carl Chupack, 324 N. Curson, Los Angeles.

HARTFORD ELEMENT CO., INC., 44 Huyshope Ave., Hartford, Conn.—(L. E. Whelan Co., 229 Ward St., Hartford, Conn., sales agent and distributor.) Sold direct to manufacturers and electric and hardware wholesalers.

HARTMAN ELECTRICAL MFG. CO., 175 N. Diamond St., Mansfield, Ohio—Representing aircraft line; Air Supply Co., in following cities—9815 Wilshire Blvd., Beverly Hills, Calif., 201 Boren Ave. North, Seattle 9, 235 Third Ave., San Mateo, Calif.; Representing Commercial line; Richard T. Puelicher, 2151 E. Colorado St., Pasadena 8; J. B. Hickman, 503 Maritime Bldg., Seattle 4.

HARTZELL PROPELLER FAN CO., South Downing St., Piqua, Ohio—Maydwell & Hartzell, Inc., in following cities: 427 W. 5th St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; 306 Dexter Ave., Seattle 4, and 870 Tennessee St., San Francisco; 814 Paulsen Bldg., Spokane; 324 S. Second Ave., Phoenix.

HARVEY-WELLS ELECTRONICS INC., Southbridge, Mass.—Herb Becker, 1140 Crenshaw, Los Angeles; Hyde Sales Co., 3250 S. Dexter St., Denver 20; Leonard L. Minthorne Co. Inc., 7521 N. E. Glisan St., Portland 16.

HASKINS CO., R. G., 2651 West Harrison St., Chicago, Ill.—J. C. Fletcher, 1415 Folsom St., San Francsco; Zonne Electric Tool Co., 2226 So. San Pedro, Los Angeles.

HASTINGS INSTRUMENT CO. INC., Newcomb Ave., Hampton, Va.—Samuel O. Jewett, 13537 Addison St., Sherman Oaks,, Calif.; Allen I. Williams Co., 124 W. 12th Ave., Denver and 210 Caqun Dr., N.E., Albuquerque; Decker Instrument Co., 2848 W. Olympic Blvd., Los Angeles 6; California Instrument Co., 351 10th St., San Francisco 3; AWECo Supply Co., 800 S. Park, Tucson and J. E. Redmond Supply, Phoenix.

HATFIELD WIRE & CABLE CO., 487 Hillside Ave., Hillside, N. J.—Keeler White Co., 615 7th St., San Francisco, 406 Colyton St., Los Angeles; 1041 6th Ave So., Seattle; 322 N.W. 4th Ave., Portland.

HATHAWAY INSTRUMENT CO., INC., 220 W. Broadway St., Glendale, Calif.

HATHAWAY INSTRUMENT CO., 1315 So. Clarkson St., Denver, Colo.—A. B. Mooney, Jr., Glendale.

HAUSERMAN CO., E. F., 6800 Grant Ave., Cleveland, Ohio.—Branch Offices: 31 Geary St., San Francisco, 816 W. 5th St., Los Angeles, Calif.; F. J. Gomersall, 1421 S. W. Broadway, Portland; Leckenby Sales Co., 2745 11th Ave., S.W., Seattle 4; The Colorado Bldrs. Supply Co., 1534 Blake St., Denver and 660 West So. Temple, Salt Lake City.

HAWS REFRACTORIES CO., 407 Main St., Johnstown, Pa.—E. A. Wilcox Co., 2202 S. Atlantic Blvd., Los Angeles 13.; 277 7th St., San Francisco 3; Arctic Bldg., Seattle 4.

HAYDON CO., A. W., 232 N. Elm St., Waterbury, Conn.—Airsupply Co., 9815 Wilshire Blvd., Beverly Hills, 201 Boren Ave. North Seattle and 235 Third Ave., San Mateo, Calif.

HEALTH-MOR, INC., 203 N. Wabash Ave., Chicago, Ill.—Branch Offices all principal cities.

HEALY-RUFF CO. Water Level Control Div., 2255 University Ave., St. Paul, Minn.—J. M. Warner Co., 600 W. 48th Ave., Denver 16; Waterworks Equipment Co., 149 W. 2nd South St., Salt Lake City; Park-Son, Inc., 1511 Fishburn St., Los Angeles 63; Carl F. Noel, 920 Grayson St., Berkeley 2; Pacific Water Works Supply Co., Seattle & Portland.

HEATUBE CORP., 612 Grand St., Allegan, Mich.—R. Sydney Hopkins Co., 4855 Elmwood Ave., Los Angeles 4.

HEATMORE, INC., 59 Throop Ave., Brooklyn 6, N. Y.—Northwestern Agencies, Inc., 4130 1st Ave. So., Seattle 4; Joseph Liner, 338 East 2nd, Los Angeles.

HEDGES MANUFACTURING CO., INC., 700 East Main St., Chattanooga, Tenn.—J. R. Schmidt, Santa Fe Bldg., Dallas; Wilson & Co., San Francisco.

HEIM CORP., WARREN, 222 North Fifth Ave., Mt. Vernon, N. Y.—T. A. Ford Co., 320 S. San Marino Ave., San Gabriel, Calif.

HEINEMANN ELECTRIC CO., Penna Ave. and Plum St., Trenton, N. J.—Northwestern Agencies, Inc., 4130 First Ave., South, Seattle; Don Porter, 1117 S. Robertson Blvd., Los Angeles; Paul A. Douden & Co., 1645 Wazee St., Denver 7; William Benndorf, 401 W. Jackson St., Phoenix; Northwestern Agencies, 3941 N. W. Quimby, Portland 10; Campbell & George, 1601 Cortland Ave., San Francisco.

HELIPOT CORP., 916 Meridian Ave., South Pasadena, Calif.—Samuel N. Stroum Co., 610 19th Ave. North, Seattle.

HELLER CO., 2135 Superior Ave., Cleveland, Ohio—Branch Office: 420 Market St., San Francisco.

HELWIG MFG. CO. DIV. Interstate Drop Forge Co., 4040 N. 27th St., Milwaukee 16, Wis.—W. D. Howze Co., 5063 N. Figueroa St., Los Angeles; K. M. Ryals Co., 461 Market St., San Francisco.

HELWIG COMPANY, 2544 No. 30th St., Milwaukee, Wis.—F. S. Fletcher, 4150 S. Main St., Los Angeles; J. E. Richardson, 166 Jackson St., Seattle; H. E. Perkins, 317 N.W. Broadway, Portland; J. R. Christensen, 247 E. 5th St. South, Salt Lake City; M. G. Mueller, 1644 Blake St., Denver; H. W. Kuntz, 1429 East Culver, Phoenix; McKinley Corp., 2196 Palou Ave., San Francisco.

HEMINGRAY GLASS INSULATORS, Toledo, Ohio—Maydwell & Hartzell, Inc., 158 Eleventh St., San Francisco; 427 W. 5th St., Los Angeles; 1238 N.W. Glisan St., Portland; 306 Dexter Ave., Seattle; 814 Paulsen Bldg., Spokane; 210 W. Adams, Phoenix.

HENDERSON ELECTRIC CO., Ampere, N. J.—George Gray Co., 2720 17th St., San Francisco; J. G. Pomeroy Co., 1004 E. 4th St., Los Angeles; Northwestern Agencies, Inc., 4130 First Ave. S., Seattle.

HENKEL-CLAUSS CO., 223 North Place, Fremont, Ohio—Bart-Kinnison Co., 1355 Market St., San Francisco 3, and 821 N.W. Flanders St., Portland.

HERBERT PRODUCTS, INC., 74-32 Jamaica Ave., Woodhaven 21, N.Y.—American Type Founders, Inc., 360 Golden Gate Ave., San Francisco.

HERTNER ELECTRIC CO., 12690 Elmwood Ave., Cleveland, Ohio—Robert M. Schow, 1709 W. 8th St., Los Angeles 14; Coast States Elec. & Equip. Co., 112 Market St., San Francisco 5; Stephen Thurlow Co., 2405 11th Ave., Seattle 4.

HERWIG CO., 1757 Sedgwick St., Chicago 14, Ill.—L. M. Baxter Co., 1220 S. W. Stark St., Portland 5; Fred D. Benz Co., 444 Brannan St., San Francisco; Gaer Sales, 1470 Galapago St., Denver 4. Sold thru all electrical wholesale distributors.

HESSE PRODUCTS CO., 600 West 7th St., Reno, Nev.—Direct from factory.

HETHERINGTON, INC., Elmwood & Clifton Aves., Sharon Hills, Pa.—Branch: 8568 W. Washington Blvd., Culver City, Calif.

HEVI-DUTY ELECTRIC CO., 4212 W. Highland Blvd., Milwaukee 1, Wis.—Branch Office: John J. Farrell, 15026 Oxnard St., Van Nuys, Calif. Muth-Richards Co., 1804 Bush Place, Seattle 4; Transformers only; Charles E. Klaus Co., 1004 S.E. Belmont St., Portland 14 and Joe E. Pearce & Associates, P. O. Box 796, Albuquerque.

HEWLETT-PACKARD CO., 395 Page Mill Road, Palo Alto, Calif. —Neely Enterprises, 7422 Melrose Ave., Los Angeles; 2830 Geary Blvd., San Francisco; 32 W. Jefferson, Phoenix; 107 S. Washington, Albuquerque.

HEWSON CO. INC., 443 Broad St., Newark 2, N. J.—E. G. Paules, 1762 W. Vernon, Los Angeles; Ed Ottsman & Sons, 536 Sansome St., San Francisco; Fred A. Pease, P. O. Box 1566, Denver 1; Redmond Supply Co., 625 W. Madison, Phoenix.

HEXACON ELECTRIC CO., W. Clay Ave., Roselle Park, N. J.—Albert S. Knight Co., 3010 Western Ave., Seattle 1; Wm. J. Ashton, Rialto Bldg., San Francisco 5; Dillon Stevens & Co., 1348 Venice Blvd., Los Angeles 6.

HEYMAN MFG. CO., Michigan Ave., Kenilworth, N. J.—Agencies Co., 836 Traction Ave., Los Angeles 13.

HICKOK ELECTRICAL INSTRUMENT CO., 10514 Dupont Ave., Cleveland 8, Ohio—Arthur A. Barricks, 615 Belvedere St., San Francisco 17; Bert Clintsman, 1363 Santa Clara St., Richmond 6; Wm. W. Cotie, 835 East Tujunga Ave., Burbank, Calif.

HIGHWAY TRAILER CO., 403 East Fulton St., Edgerton, Wis.—W. H. Eddy Electric Products, Inc., P. O. Box 1428, Phoenix, Arizona; Four Wheel Drive Pacific Co., 850 Harrison St., San Francisco; Calavar Corp., 2700 S. Broadway, Los Angeles; Robblee Utilities Equip., 3423 Fourth Ave. So., Seattle; Truck Equip. Co., 3963 Walnut St., Denver.

HILCO ENGINEERING CO., 1723 N. Elston Ave., Chicago, Ill.—Harry N. Lindsey, 1261 W. 56th St., Los Angeles 37.

HILL-SHAW CO., 311 N. Desplaines St., Chicago 6, Ill.—L. L. Raymer, 911 Western Ave., Seattle; M. A. Shirley, 282 6th St., San Francisco; George L. Woodward, 510 Merchandise Mart, Denver.

HILL TRANSFORMER CO., 1030 Washington St., San Carlos, Calif.—The Baxter Co., 101 Kansas St., San Francisco (For Power & Distribution Div.) (See adv. page 31.)

HILLIARD CORP., 100 W. Fourth St., Elmira, N. Y.—Fred W. Carlson, 1201 Dexter Ave., Seattle; A. H. Coates, 420 Market St., San Francisco; Engineering Products Co., 1600 S. San Pedro St., Los Angeles; Sales Engineering Co. Inc., 526 W. Eighth South St., Salt Lake City.

HI-LO TV ANTENNA CORP., 3540 Ravenswood, Chicago, Ill.— L. A. Nott, 1061 Howard St., San Francisco; Frank Wedel Co., 3215 Western Ave., Seattle; George Davis Sales Co., 5259 E. Beverly Blvd., Los Angeles; Stan Clupbf & Associates, 7825 W. Colfax Ave., Denver.

HINDLE TRANSFORMER CO. INC., Woods Church Road, Flemington, N. J.—Rollins Electric Co., 804½ S. Atlantic Blvd., Monterey Park, Calif.

HI-SCALE PRODUCTS CORP., 217 Centre St., New York City —Northwest Sales Co., 1608 Northwest Johnson St., Portland 9; Eckert-Lloyd Co., 2115 S. San Pedro, Los Angeles 11, and 1225 6th St., San Francisco.

HISEY-WOLF MACHINE CO., Madison & Edwards Rd., Cincinnati 8, Ohio.—West Coast Machinery Co., 1006 First Ave. S., Seattle; Portland Machinery Co., 208 S. First Ave., Portland; Tornquist Machinery Co., 3838 Santa Fe Ave., Los Angeles; M. R. Priest & Sons, Boise, Idaho; Mine & Smelter Supply, 121 W. Second South St., Salt Lake City, and Denver; Montana Hdwe. Co., Butte.

HITCHNER & HITCHNER, 517 S. First St., Sandpoint, Idaho.

HITEMP WIRES, INC., 26 Windsor Ave., Mineola, New York—Standard Wire & Cable Co., 3440 Overland Ave., Los Angeles.

HI-VOLTAGE EQUIPMENT CO., 4000 E. 116th St., Cleveland, Ohio —Paul A. Douden Co., 1645 Wazee St., Denver; Joslyn Pacific Co., 5100 District Blvd., Los Angeles; 180 Portrero Ave., San Francisco; 808 N.W. 16 Ave., Portland; 2424 First Ave., South, Seattle; 1427 E. 3045 South St., Salt Lake City.

HOBART BROTHERS CO., 1221 Hobart Road, Troy 1, Ohio—Sold through leading distributors all principal cities.

HOFFMAN ELECTRONICS CORP., 3761 So. Hill, Los Angeles, Calif. —E. K. Curry, 3035 So. Fairfax, Denver; J. D. Chadwell, 1740 Van Ness Ave., Fresno; J. F. Herbst, 426 W. College St., Los Angeles; Tom E. Mumford, 600 S.E. Stark St., Portland 14; E. Faust, 115 "R" St., Sacramento 14; J. N. Barker, 450 Ninth St., San Francisco; also sold through leading distributors.

HOLFAST RUBBER CO. (See Dayton Rubber Co.)

HOLLAND-RIEGER, 1070 E. 152nd Cleveland, Ohio.—Paul H. Rice & Co., 1355 Market St., San Francisco 3.

HOLLINGSWORTH & VOSE CO., 331 Madison Ave., New York City —Tri State Supply Corp., 544 South San Pedro St., Los Angeles; 554 Bryant St., San Francisco 7.

HOLLYWOOD LIQUEFIER CO., 97 Pasadena Ave., So. Pasadena, Calif.—J. E. Shull & Son, 3601 Whittier Blvd., Los Angeles; A. C. Heffelfinger & Assoc., 4126 Aurora Ave., Seattle; W. H. Jones, 84 W. First N., Logan, Utah; Paul Thornhill, 1341 Inglewood, West Vancouver, B. C.

HOLOPHANE CO., INC., 342 Madison Ave., New York City 17 —Robert G. Dummel, 217 Polhemus Ave., Atherton, Calif.; Paul Davis, Rte. 3, Box 1030, Bremerton, Wash.; J. G. Platt, 149 S. 18th St., Montebello, Calif. Distributing outlets: General Electric Supply Co., Westinghouse Electric Supply, Graybar in all principal cities.

HOLTZER-CABOT, 125 Amory St., Boston 19, Mass.—Paul S. Goen, 1812 W. Silver Lake Dr., Los Angeles.

HOLUB INDUSTRIES, INC., Sycamore, Ill.—F. M. Nicholas Co., 714 Harrison St., San Francisco; Bruce-Emmett Co., 830 S.E. Adler, Portland and 1016 First Ave., Seattle; E. T. Vonier, 1160 Elati St., Denver; John M. Fincke Co., 1848 N. Main St., Los Angeles; Darger Co., 251 Rio Grande St., Salt Lake City

HOMECRAFT ELECTRONIC PARTS, 3713 W. Roosevelt Road, Chicago, Ill.—General Mid-Western Distributors, Longmont, Colo.

Distribution Transformers

Oil Filled
Askarel Filled
Dry Types

Quality Materials
and Quality Workmanship
Result In —
"TRANSFORMERS THAT STAY IN SERVICE"

HILL TRANSFORMER CO., INC.
1030 WASHINGTON ST., SAN CARLOS, CALIFORNIA
REPRESENTED By
THE BAXTER COMPANY
101 KANSAS ST., SAN FRANCISCO, CALIFORNIA

HOMELITE CORPORATION, Riverdale Ave., Port Chester, N. Y. —Branch Offices: 624 S. Anderson St., Los Angeles; 727 Air Port Blvd., South San Francisco; 2308 Ventura St., Fresno; 2234 Auburn Blvd., Sacramento; 1911 22nd Ave. S., Seattle; East 3927 Trent Ave., Spokane; 3463 S.E. Milwaukie Ave., Portland; 7440 Highway 91, North Salt Lake City; Lloyd's Equip. Co., 1131 19th St., Denver.

HOMES, INC., 5212 Homberg Dr., Knoxville, Tenn.—H. R. Kaewert, 885 Bridgeway, Sausalito, Calif.

HONEY-LITE CORP., 951 61st St., Oakland, Calif.

HOOVER COMPANY, Kingston-Conley Div., 68 Brook Ave., North Plainfield, N. J.—Marwood Limited, 357 9th St., San Francisco; Thomas A. Steeds Co., 3259 Wilshire Blvd., Los Angeles 5; Shaffer & Nelson, 1215 N.W. Everett St., Portland, and 312 Occidental Ave., Seattle, also Spokane, Wash.

HOOVER BALL AND BEARING CO., East Hoover St., Ann Arbor, Mich.—Anti-Friction Bearings Co., 2020 S. Figueroa St., Los Angeles 7.; General Bearings Co., 2017 Santa Fe Ave., Los Angeles; Allan P. James Co., 419 Tenth St., San Francis-Co 3; Grebe-Harrington Co., 1024 N.W. Flanders St., Portland 9, and Grebe-Caldwell Co., 532 S. Third West St., Salt Lake City; Northwest Motor Parts & Mfg. Co., 2930 6th Ave., South, Seattle 4.

HOPAX ELECTRIC, INC., 547 Greenwich St., New York City—H. G. Rising, Inc., 151 N. Vermont Ave., Los Angeles.

HOPE ELEC'L PRODUCTS CO., 338 Wilson Ave., Newark, 5, N.J. —L. D. Hood, Sales Agency, 1133 West 8th Ave., Denver; R. C. English & Associates, 3314 N.E. Wasco St., Portland 13; Walter Wallace Co., 445 Bryant St., San Francisco 7; Robert M. Schow, 1709 West 8th St., Los Angeles 17.

HOPE WEBBING CO., Providence 1, R. I.—C. D. LaMoree, 1325 San Julian, Los Angeles; 2221 Fourth St., Berkeley; 317 N.W. Broadway, Portland; 166 Jackson St., Seattle.

HORTON MANUFACTURING CO., 731 Osage St., Fort Wayne, Ind —Ray Thomas Co., 1601 S. Hope St., Los Angeles; Raycraft Co., 568 Third St., Oakland; Boyd Dist. Co., 20 W. 13th St., Denver; Walter B. Lloyd, 51 S. Second West, Salt Lake City; Seattle Radio Supply, Inc., 2117 Second Ave., Seattle; E. H. Krohn & Co., 113 E. Overland, El Paso.

HOSKINS MFG. CO., 4445 Lawton, Detroit, Mich.—E. A. Wilcox Co., 277 7th St., San Francisco 3, and 406 S. Main St., Los Angeles 13; Western Factors, 99 Dearborn St., Seattle.

HOTSTREAM HEATER CO., 2363 E. 69th St., Cleveland 4, Ohio—Leon M. Taylor, 166 Howell St., Dallas; H. P. Tudor, P. O. Box 1200, Albuquerque; Howard A. Weller, 1238 N. W. Glisan, Portland; L. W. Worthington, 2916 1st North, Billings, Mont.; Sullivan Co., 727 Brannan St., San Francisco.

HOUGHTON & CO., E. F., 1500 Davidson St., San Francisco, Calif.—Branch Offices: 913 Arctic Bldg., Seattle; 400 Concord Bldg., Portland; 109 N. Ave. 18, Los Angeles, Calif.

HOUSE-O-LITE CORP., 2430 So. Ashland Ave., Chicago, Ill.—Anderson-O'Donnell, 1452 Galapago St., Denver.

HOWARD INDUSTRIES, INC., 1760 State St., Racine, Wis.—Howard Industries, Inc., 942 So. La Brea, Los Angeles.

HOWARD MFG. CORP., 1401 S. Main St., Council Bluffs, Iowa—E. T. Schoenbaum, 2378 Highland Ave., Altadena, Calif.

HOWELL ELECTRIC MOTORS CO., 409 N. Roosevelt Ave., Howell, Mich.—McCartney Denver Co., 1660 Eleventh St., Denver 4; Campbell-Elsey & Co., 326 Ness Bldg., Salt Lake City; Albert S. Knight Co., 3010 Western Ave., Seattle 1; Thomas Hood Eng., 1485 Bayshore Blvd., San Francisco; John Hyatt Co., Los Angeles 17.

Crapo Galvanized Products

Crapo STEEL STRAND

There is a size and grade of Crapo Galvanized Steel Strand for every practical need. Galvanized by the famous Crapo Process and furnished in the following grades: Siemens-Martin, High Strength, Extra High Strength, Commercial Grade (Extra Galvanized), Specification (Utilities) Grade 7-wire and Utilities Grade 3-wire Strand. All standard sizes.

•

Crapo STEEL Conductors

Crapo HTC-130 and Crapo HTC-90 Stranded (3-wire) Conductors provide a practical combination of physical properties and electrical efficiency for the overhead transmission and distribution of power. Make possible long spans with flat sags and greater ground clearances, reduce the number of pole structures required, save material and man-hours.

•

PREFORMED ARMOR RODS

Preformed Armor Rods provide a dependable, economical way to reinforce and protect overhead conductors and static wire at the point of and in the region of the support. Minimize wear and chafing; tend to absorb and dissipate vibration; protect against arcing and flashovers; afford excellent holding power against slippage. Manufactured in galvanized steel, aluminum alloy, copperweld or bronze.

Indiana Steel & Wire Company, Inc.

Muncie, Ind.

HOWZE & CO., W. D., 5603 N. Figueroa St., Los Angeles, Calif. —K. M. Ryals Co., 461 Market St., San Francisco.

HOYT ELECTRICAL INSTRUMENT WORKS (Burton Rogers Co.) 262 Main St., Cambridge, Mass.—G. A. Shoemaker, 1127 Wilshire Blvd., Los Angeles; R. E. Ryberg, 3817 Parkmont Pl., Seattle; D. D. May, 2039 N.E. Everett, Portland.

HUB ELECTRIC COMPANY, 2219 W. Grand Ave., Chicago 12, Ill.—Barry Sales Agency, 923 E. 3rd, Los Angeles; James Mundstock, 320 Market St., San Francisco; J. R. Christensen, 247 E. 5th So., Salt Lake City 5; F. C. Henkel, 517 Builders Exchange, Portland 4; Fred H. Adams, Blumenthal Bldg., El Paso; Glen B. Gaer, 107 E. Colfax Ave., Denver; Harry A. Miller, 1902½ McKinney Ave., Dallas.

HUBBARD AND COMPANY, Pittsburgh, Pa., Chicago, Ill., and 1250 45th St., Emeryville, Calif.—Marshall Lasher, Vice President—Pacific Coast Division, Raymond M. Waggoner, Vice President—Pacific Coast Sales, 1250 45th St., Emeryville 8, Calif.; N. V. Arntzen, District Manager, 416 W 8th St., Los Angeles, Calif. (covers Southern California, Arizona and Clark County, Nevada); H. R. Edwards, Jr., District Sales Manager, 1250 45th St., Emeryville 8, Calif. (covers Northern California and Western Nevada); A. C. Mowery, Sales Engineer, 271 S.W. Glenmorrie Rd., Oswego (Portland) Oregon (covers Oregon and Washington; L. T. Owen, District Sales Manager, 1910 Manitou St., Boise, Idaho (covers Idaho, Utah, Eastern Nevada, Montana and Western Wyoming); Distributors: Graybar Electric Company and General Electric Supply Company —all principal cities. Mine and Smelter Supply Company in Salt Lake City, Utah. The Hawaiian Electric Supply Company in Honolulu, Hawaii.

HARVEY HUBBELL, INC., State St. & Bostwick Ave., Bridgeport, Conn.—Grover A. Anderson, 1675 Hudson St., San Francisco; A. M. McMillan, 103 N. Santa Fe Ave., Los Angeles; Frank A. Strohecker, 201 Eyres Bldg., Seattle; Paul A. Douden, 1645 Wazee St., Denver.

HUBBELL CORP., Hawley Road, Mundelein, Ill.—C & S Equip. Co., 2103 S. San Pedro St., Los Angeles; Phillips Refrigeration Prod., 444 Potrero St., San Francisco; Mason Emanuels Co., 90 Dearborn St., Seattle 4.

HUGHES BROTHERS, Seward, Nebr.—Maydwell & Hartzell, Inc., 870 Tennessee St., San Francisco; 427 W. 5th St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; 306 Dexter Ave., Seattle 4; 314 Paulsen Bldg., Spokane; 324 S. 2nd Ave., Phoenix.

HUGHEY & PHILLIPS, P.O. Box 686, Encino, Calif.

HULLHORST TOOLS, INC., 1915 Nebraska Ave., Toledo, Ohio—Electric Agencies, 6420 Salem St., Oakland, Calif.; Richardson Electric Co., 166 Jackson St., Seattle; J. R. Christensen, 247 E. 5th S. St., Salt Lake City; Electrical Specialty Co., 1101 Stout St., Denver 4.

HUNGERFORD PLASTICS CORP., 116 Beach St., Rockaway, N. J.—James C. Pope Co., 2720 So. San Pedro, Los Angeles.

HUNTER FAN AND VENTILATING CO., 400 South Front St., Memphis, Tenn.—Gordon Wood, 1855 Industrial St., Los Angeles; Ed B. Schock, 2216 First Ave., Seattle; Allied Sales Co., 1441 Welton, Denver.

HUSKY PRODUCTS, INC., 5300 Vine St., Cincinnati 17, Ohio—Available through leading Cable Manufacturers.

HYATT BEARINGS DIV., General Motors Corp., Harrison, N. J.—Branch Office: 436 14th St., Oakland 12. Mr. L. S. Nagle, West Coast Mgr.

HYKON MFG. CO., 168 E. State St., Alliance, Ohio—Fred D. Benz Co., 444 Brannan St., San Francisco; J. G. Pomeroy Co., 1004 E. Fourth, Los Angeles.

HYTRON RADIO & ELECTRONICS CO. (Div. of Columbia Broadcasting System, Inc.) (See CBS-Hytron).

IDAHO POLE CO., Sandpoint, Ida. —Branch Office, Bozeman, Mont.

IDEAL INDUSTRIES, INC., Park Ave., Sycamore, Ill.—Products available from electrical distributors: C. D. Bolt & Co., 1921 Blake St., Denver; L. M. Slusser, 318 Dooly Block, Salt Lake City, Utah; Northwestern Agencies Inc., 4120 First Ave. S., Seattle; John H. Maddox Co., 420 Market St., San Francisco; Maddox Sales Co., 912½ E. 3rd St., Los Angeles.

IDEAL ELECTRIC & MFG. CO., First & Oak Sts., Mansfield, Ohio —Fred W. Carlson, 1201 Dexter Ave., Seattle 9, and 604 Utah Ave., Butte; J. E. Elstrom, 935 N.W. 12th, Portland; Engineering Sales Co., 277 Pennsylvania St., San Francisco 10; Lombard Smith Co., 714 W. Olympic, Los Angeles; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver; R. S. Trinnaman Co., 165 S. First West, Salt Lake City; Central Station Equipment Co., 2323 Aviation Highway, Tucson.

IDEAL LIGHTING PRODUCTS CO., 1547 Gentry, Kansas City, Mo.—Ray Lamberth, 320 Judah St., Los Angeles; Merwin Altfeld, 3500 Bentley, Los Angeles; Joe Blonder, 2617 N. E. 14th Ave., Portland.

ILG ELECTRIC VENTILATING CO., 2850 N. Pulaski Rd., Chicago 41, Ill. — Branch Offices: 1709 W. 8th St., Los Angeles; 55 New Montgomery, San Francisco; 7331 W. Greenlake Way, Seattle; 914 W. Madison St., Phoenix; 1028 Champa St., Denver; 1432 Major St., Salt Lake City; 10340 N.E. Sandy Blvd., Portland; 305 Canal St., El Paso.

ILLINOIS COIL SPRING CO., 2100 N. Major Ave., Chicago, Ill.—Benson Eng. Co., 30½ Highland Park Village, Dallas and 6731 Harrisburg Blvd., Houston. D. H. Lundin & Co., 1127 E. Northlake, Seattle 5; 4036 N.E. 32nd Pl., Portland.

ILLINOIS CONDENSER CORP., 1610 N. Thorp St., Chicago, Ill. —Barstow & Doran, 1406 S. Grand Ave., Los Angeles.

ILLINOIS ELECTRIC PORCELAIN CO. (McGraw Electric Co.), 510 N. Pearl, Macomb, Ill.—Branch offices: 360 Shaw Rd., South San Francisco; 6490 E. Fleet St., Los Angeles 22; 1333 N.W. 12th Ave., Portland; 309 Kearns Bldg., Salt Lake City; 625 W. Madison St., Phoenix; 5075 Colorado Blvd., Denver 2; 58 W. Quartz St., Butte; 324-B Jefferson St. N.E., Albuquerque; 1220 West Nickerson St., Seattle; and South 123 Madison St., Spokane 4.

ILLINOIS ENGINEERING CO., 2035 So. Racine Ave., Chicago 8, Ill.—Preferred Equipment Co., 5442 Jillson St., Los Angeles; Thermo Tech. Products Co., 1398 S. Santa Fe Dr., Denver; W. M. Walterscherchen, Missoula, Mont.

ILLINOIS TESTING LABS, INC., 420 N. LaSalle, Chicago, Ill.—Lee & Freeman, 1550 First Ave. S., Seattle; James H. Knapp Co., 839 E. 4th St., Los Angeles; W. C. Matheson Co., 290 Ninth St., San Francisco.

ILSCO CORP., 5721 Mariemont, Cincinnati 1, Ohio — Electrical Specialty Co., 158 11th St., San Francisco; 2406 1st Ave. S., Seattle; 1101 Stout St., Denver; Maddox Sales Co., 912½ E. 3rd St., Los Angeles.

IMPERIAL LIGHTING CO., Latrobe, Pa.—Barney de Ramus, 125 S. Santa Fe, Los Angeles, Calif.

INDIANA STEEL & WIRE CO., 700 S. Council, Muncie, Ind.—Graybar Electric Co., Inc., in all principal cities. (See adv. p. 32.)

INDEPENDENT PNEUMATIC TOOL CO., Aurora, Ill. — (See Thor Power Tool Co.)

INDUCTION HEATING CORP., 181 Wythe Ave., Brooklyn, N.Y. —Denton & Anderson, 5526 N. Rosemead Blvd., Temple City, Calif.

INDUSTRIAL CONDENSER CORP., 3243 N. California Ave., Chicago, Ill.—Nickerson & Rudat, 383 Brannan St., San Francisco; Edw. S. Sievers, 1662 Hillhurst Ave., Los Angeles.

INDUSTRIAL CONTROL PANEL CO., 517 W. Monroe St., Chicago, Ill.—Fred W. Carlson Co., 1201 Dexter Ave., Seattle 9; Ed Warburg Co., 1207 E. 8th St., Los Angeles 21.

INDUSTRIAL DEVICES, INC., Edgewater, N. J.—Wallace & Wallace, 1206 Maple Ave., Los Angeles 15; Edwin C. Dunn, P. O. Box 241, Littleton, Colo., Chas. L. Thompson, Ltd., 144 W. Hastings St., Vancouver, B. C.

INDUSTRIAL ELECTRONICS CORP., 80 Bank St., Newark, N.J.—Branch Offices: 260 Kearney St., San Francisco; 707 S. Broadway, Los Angeles; 420 S. W. Washington, Portland; 519 White Bldg., Seattle.

INDUSTRIAL ENGINEERING & EQUIPMENT CO., 711 S. Theresa St., St. Louis, Mo.—R. W. Scott & Associates, 2345 Fourth St., Berkeley, Calif.; Fuel Engineering, 3446 W. First St., Los Angeles 5; A. C. Baechlin Co., P.O. Box 912, Phoenix; Caleson-Moore Co., 1870 S.W. Front Ave., Portland 1; W. A. Crowder, 1800 Taylor Ave., Seattle 9.

INDUSTRIAL MICA CORP., 945 61st St., Brooklyn, N. Y.—Samuel Siegel, 1133 S. La Cienega Blvd., Los Angeles.

INDUSTRIAL PRODUCTS CO., Danbury & New Milford Rd., Danbury, Conn.—Western Electronic Enterprises, Gardena, Calif.; Wm. J. Purdy Co., 79 Ninth St., San Francisco.

INDUSTRIAL SAFETY BELT CORP., 51 Chatham St., Pittsburgh, Pa. — James L. Kearns, 6055 N.E. Glisan, Portland; Armite Laboratories, 6609 Broad St., Los Angeles 1.

INDUSTRIAL TAPE CORP., New Brunswick, N. J.—(See Permacel Tape Corp.)

INDUSTRIAL TELEVISION, INC., 359 Lexington Ave., Clifton, N. J. —David Ross Co., 1355 Market St., San Francisco 3; Bryon McDonald Co., 5717 Condon Ave., Los Angeles 56.

INDUSTRIAL TIMER CORP., 131 Ogden St., Newark, N. J. — E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles; 988 Market St., San Francisco and 909 N. First St., Phoenix; C. B. Parsons, 3028 First Ave., Seattle.

INET, INC., 8655 S. Main, Los Angeles, Calif.—T. R. Routh Co., 742 Market St., San Francisco; W. H. Eddy Elec. Prod. Inc., P. O. Box 1428, Phoenix, Ariz.; Hamilton Associates, 1236 Elati St., Denver 2 and 4715 Watauga Rd., Dallas; R. F. Hendry & Co., Smith Tower, Seattle 4; Wm. J. Cottrell Co., 11341 S.W. Pacific Highway, Portland 19.

INFRAGLASS HEATER CO., 15873 Kentfield Ave., Detroit 23, Mich. —Paul R. Prietsch, 1355 Market St., San Francisco.

INLAND GLASS WORKS, Div. of Club Aluminum Prod., 6101 W. 65th St., Chicago, Ill.—Ralph I. Wall, 1640 Camulos Ave., Los Angeles; George D. Norris Co., 3010 First Ave., Seattle 1.

INSUL-8-CORP., 1285 Rollins Road, Burlingame, Calif.—J. C. Fennelly Co., 1485 Bayshore Blvd., San Francisco; C. H. Currier, Jr., 465 E. Union St., Pasadena, Calif.; Modern Equipment Co., 52 W. 2nd St., Salt Lake City; D. R. Munro, Jr., 1801 N.W. Northrup, Portland; Toncray Equipment Co., 1732 Blake St., Denver.

INSULATED DUCT & CABLE CO., Stokes Ave., Trenton, N. J. —Hodges & Glomb, 921 Bryant St., San Francisco; Albert S. Knight Co., 3010 Western Ave., Seattle.

INSULATING REFRACTORIES CO., P. O. Box 322, San Rafael, Calif.

INSULATION MANUFACTURERS CORPORATION, 565 W. Washington Blvd., Chicago 6, Ill. —Electrical Specialty Co., 2820 E. 12th St., Los Angeles 13, Calif.; 158 11th St., San Francisco 3, Calif.; 1101 Stout St., Denver 2, Colo.; 325 Northwest Sixth Ave., Portland 9, Ore.; 2406 First Ave., Seattle; Tri-State Supply Corp., 544 S. San Pedro, Los Angeles 13; 544 Bryant St., San Francisco 7; 318 Occidental Ave., Seattle 4; Western Fibrous Glass Products Co., 739 Bryant St., San Francisco and 3049 E. 12th St., Los Angeles 23; Insulation & Wires, Inc., 6415 E Fleet St., Los Angeles; 1702 N.E. Sandy Blvd., Portland 14 and 1077 Howard St., San Francisco; J. R. Christensen Agency, 247 E. 5th St., Salt Lake City; Electric Motor Supply, 1646 Blake St., Denver; C. E. Riggs, Inc., 317 N.W. Broadway, Portland.

INSULATION & WIRES, INC., 3435 Chauteau, St. Louis, Mo.—Insulation & Wires, Inc., 1077 Howard St., San Francisco; 2240 E. Washington Blvd., Los Angeles and 525 N. Tillamook, Portland; Carlos W. Stone, 230 So. 4th West, Salt Lake City.

INSULINE CORP. OF AMERICA, 36-02 35th Ave., Long Island City, N. Y.—Perlmuth-Colman & Associates, Inc., 2419 S. Grand Ave., Los Angeles; Wm. Belfer, 926 Howard St., San Francisco; M. Pearson, 1011 S. Josephine, Denver; Richard Legg Co., 2118 S.E. Division St., Portland 6.

INSULOID COMPANY, 5309 Germantown Ave., Philadelphia, Pa. —Robert J. Arthur, 420 Market St., San Francisco.

INTERLECTRIC CORP. (See Great Western Div. Interlectric Corp.)

INTER-MATIC TIME SWITCH Div. of International Register Co., 2620 W. Washington Blvd., Chicago, Ill.—Keeler White Co., (in following cities) 615 7th St., San Francisco; 422 N. W. 4th St., Portland; 1041 6th Ave. So., Seattle; The McLoughlin Co., 811 E. 14th Place, Los Angeles; H. George Shefler Co., 240 So. 1st Ave., Phoenix; E. T. Vonier Co., 1160 Elati, Denver.

INTERNATIONAL APPLIANCE CORP., 918-940 Stanley Ave., Brooklyn 8, N. Y.—Eric F. Chemnitz & Co., 1355 Market St., San Francisco; 668 So. Coronado St., Los Angeles.

INTERNATIONAL GRAPHITE & ELECTRODE CORP., St. Marys, Pa.—E. A. Wilcox Co., 277 7th St., San Francisco 3; 2202 So. Atlantic Blvd., Los Angeles 22; 915 Arctic Bldg., Seattle 4.

INTERNATIONAL HARVESTER CO., 180 N. Michigan Ave., Chicago, Ill.—Branch Offices: 2855 Cypress St., Oakland; 734 Lawrence St., Los Angeles; 56 S.E. Belmont St., Portland; 2308 15th St., Denver; 701 W. 17th St., Cheyenne; 715 E. Sprague Ave., Spokane; 435 W. 4th South St., Salt Lake City.

INTERNATIONAL INSTRUMENTS, INC., P. O. Box 2954, New Haven, Conn. — Kittleson Co., 416 N. La Brea Ave., Los Angeles, 2166 Market St., San Francisco, and 210 Cagna Dr., N. E. Albuquerque; A. J. Nelson Co., Box 5502, Denver; C. B. Parsons, 3028 First Ave., Seattle 1.

INTERNATIONAL METAL PRODUCTS CO., 500 S. 15th St., Phoenix, Ariz.—Nate Kopald, 186 N. Sweetzer, Los Angeles 36; O. J. Grendahl, Box 191, Aurora, Colo.; Don Smith, P. O. Box 1712, Phoenix.

INTERNATIONAL NICKEL CO., INC., 67 Wall St., New York City 5.—Pacific Metals Co., Ltd., 3100 19th St., San Francisco; 2187 S. Garfield Ave., Los Angeles; Eagle Metals Co., 4755 1st Ave. So., Seattle; 2836 N. Randolph Ave., Portland, and Helena at Broadway, Spokane; Metal Goods Corp., 2425 Walnut St., Denver.

INTERNATIONAL RECTIFIER CORP., 1521 E. Grand Ave., El Segundo, Calif. — Allen I. Williams, 124 W. 15th Ave., Denver 4; Dale G. Weber, 234 Sherlock Bldg., Portland; Eichorn & Melchoir, 749 Bryant St., San Francisco 7.

International Register Company
Manufacturers of
Range Timers — Interval Timers — Time Switches — Washing Machine Timers—Clothes Dryer Timers—Coin Meters — Time-all — Timing Motors —The Cutaw!
2620 W. Washington Blvd. Chicago 12, Ill.

INTERNATIONAL REGISTER COMPANY, 2620 W. Washington Blvd., Chicago 12, Ill.—(See ad page 33.)

INTERNATIONAL RESISTANCE CO., 401 N. Broad St., Philadelphia, Pa.—Marshank Sales Co., 7422 Melrose, Los Angeles; J. P. Hermans Co., 1234 Folsom St., San Francisco 3; David M. Lee, 2517 Second Ave., Seattle 1; Ronald G. Bowen, 446 Broadway, Denver 3.

INTERSTATE DROP FORGE (See Helwig Mfg. Co. Div.)

INTERSTATE MFG. CO., Milford Turnpike, Orange, Conn.—L. J. Sullivan, 5225 Wilshire Blvd., Los Angeles.

INVADERS PACIFIC CORP., 1014 Fair Oaks Ave., South Pasadena, Calif.—James C. Pope Jr., 1827 S. Hope, Los Angeles 15.

IOM CAPACITOR CORP., Columbia City, Ind.—Eastman Pacific Co., 2320 E. 8th St., Los Angeles 21.

IRONRITE, INC., 332 Cass Ave., Mt. Clemens, Mich.—Gordon E. Wilkins Ironers, Inc., Oakland, Los Angeles, Salt Lake, Phoenix; F. B. Connelly Co., Seattle and Portland; Columbia Elec. Mfg. Co., Spokane; Midland Implement Co., Billings, Mont.; Western Appliance Corp., Denver; Zork Hardware, Albuquerque and El Paso; Deseret Appliance Distributors, Inc., Salt Lake City.

IRVINGTON VARNISH & INSULATOR CO., 6 Argyle Terrace, Irvington, N. J.—C. D. LaMoree, 1325 San Julian St., Los Angeles 15; 2221 Fourth St., Berkeley 2; 317 N.W. Broadway, Portland; C & H Supply Co., Adm. Bldg., Kings County Airport, Boeing Field, Seattle; Electric Motor Supply Co., 1646 Blake St., Denver 2; J. R. Christensen Agency, 247 E. 5th So., Salt Lake City; C. E. Riggs, 317 N.W. Broadway, Portland and 408 Occidental Ave., Seattle.

I-T-E CIRCUIT BREAKER CO., 19th and Hamilton Sts., Philadelphia, Pa. — District Offices: Denham Bldg., 635 18th St., Denver 2, Colo.; Ralph G. Lockett, Western Regional Mgr.; 130 S. Atlantic Blvd., Los Angeles 22; 320 4th St., San Francisco 7, Calif.; 2032 Dunlavy St., Houston, Tex.; Sales Offices: Garland Affolter Eng'g. Corp., 1233 N.W. 12th St., Portland 9, Ore.; Riter Engineering Co., 136 S. Main St., Salt Lake City 1, Utah; Garland Affolter Eng'g Corp., 2603 Western Ave., Seattle 1, Wash.; Central Station Equipment Co., 2323 Aviation Highway, Tucson, Ariz.; Electrical & Mechanical Supply Co., Inc., 2000 Texas St., El Paso, Tex.; R. E. McDonough Co., 829 Maryland Ave., Butte, Mont.

J-B-T INSTRUMENTS, INC., 441 Chapel St., New Haven 8, Conn. —James P. Hermans Co., 1234 Folsom St., San Francisco; James J. Backer Co., 2321 Second Ave., Seattle; Howard M. Saul & Associates, 5720 Wilshire Blvd., Los Angeles.

JACK & HEINTZ, INC., 17600 Broadway, Cleveland 1, Ohio — Branch Office: 1009 W. Arbor Vitae St., Inglewood 1, Calif.

JACKSON ELECTRICAL CO., 900-910 W. Van Buren St., Chicago 7, Ill.—Pete Bach Electric, 1233 N.W. 12th Ave., Portland 9; L. D. Hood Sales Agency, 1133 W. Eighth Ave., Denver.

JACKSON PRODUCTS, 31739 Mound Road, Warren, Mich.—H. V. Gates, 3860 Canfield Road, Pasadena 8.

JACO PRODUCTS, 6408 Euclid Ave., Cleveland, Ohio—Harry E. Marshall, 104 Olive St., San Francisco 9.

JAMES CLOCK MFG. CO., 5307 E. 14th St., Oakland 1, Calif.—Universal Hotel Supply Co., 1850 Beverly Blvd., Los Angeles; Scientific Supplies C., Seattle; Braun Corp., 1363 S. Bonnie Beach Pl., Los Angeles; Time Equipment Co., 906 Third Ave., Seattle; Braun-Knecht-Heimann Co., 1400 16th St., San Francisco.

JANETTE MANUFACTURING CO., Lehigh at Main, Morton Grove, Ill.— Renold Coventry Ltd., 1066 Seymour St., Vanvouver, B.C.; George E. Zwelfel, 108 So. W. Front Ave., Portland 4; L. R. Burmester, 546 Howard St., San Francisco.

JAY KAY METAL SPECIALTIES CO., 192 E. 4th St., New York City 9, N.Y.—Jay Electric Barbeque Co., 1018 S. Hill St., Los Angeles.

JEFFERSON ELECTRIC CO., 25th and Madison, Bellwood, Ill. —L. O. Dugan, 1427 So. Hope St., Los Angeles; F. C. Scharr, 444 Dexter Horton Bldg., Seattle. Branch: 674 So. Van Ness Ave., San Francisco.

JEFFRIES TRANSFORMER COMPANY, 1710 E. 57th St., Los Angeles 58, Calif.—Victor Kostuck, Dist. Sales Mgr., 741 Warrington Ave., Redwood City, Calif.; Stevens Sales Co., P. O. Box 2338, Salt Lake City; Wm. O. Proby & Associates, 522 First Ave. South, Seattle 4, 135 N.W. Park Ave., Portland, and 121 S. Madison St., Spokane 4.

C. D. LaMOREE
ELECTRICAL INSULATION

The Spaulding Fibre Co., Inc.
Fibre—Spauldite
Spauldo and Transformer Board

Irvington Varnish & Insulator Co.
Varnish & Varnished Products
Fibron Tubing

The Hope Webbing Co., Inc.
Electric Tapes and Sleevings
Glasflex

Owen Corning Fibreglas Corp.
Fibreglas Tapes, Sleevings and Tying Cords

Dow Corning Corp.
Silicones
Varnish and Motor Insulation

The Macallen Co.
Mica and Mica Products

Permacel Tape Corp.
Pressure Sensitive Electrical Tapes

LOS ANGELES 15 1325 San Julian St.
BERKELEY 10 2221 Fourth St.
PORTLAND 9 317 N.W. Broadway
SEATTLE 1 166 Jackson St.

JELLIFF MFG. CORP., The C. O., Southport, Conn. — Perlmuth-Colman Associates, 2419 S. Grand Ave., Los Angeles 7; Wm. Belfer, 926 Howard St., San Francisco.

JENKINS BROS., 100 Park Ave., New York City—O. W. Coombs, 1026 So. Olive St., Los Angeles; The Sanderlin Co., 129 First Ave. West, Seattle; Kenneth B. Schumann Co., 814 12th St., Denver; Nuro Co., 414 Houston Bldg., San Antonio.

JENNINGS RADIO MFG. CORP., 970 McLaughlin, San Jose, Calif.

JENSEN MFG. CO., 6601 S. Laramie Ave., Chicago, Ill.—R. G. Bowen, 446 Broadway, Denver; H. George Shefler, 240 S. First Ave., Phoenix; Phil Belchamber, 1401 Middle Harbor Road, Oakland; George S. Tivy, 1148 S. Grand, Los Angeles 15; Burt C. Porter, 4310 Roosevelt Way, Seattle.

JOHNS-MANVILLE, 22 E. 40th St., New York City 16—Branch Offices: 116 New Montgomery St., San Francisco 5; 430 40th St., Oakland 9, Calif.; 816 W. 5th St., Los Angeles 13; 777 Thomas St., Seattle 9; Terminal Sales Bldg., Portland 14; 403 Dooly Block, Salt Lake City; 1755 Glenarm Pl., Denver.

JOHNS-MANVILLE Dutch Brand Division, 7800 Woodlawn Ave., Chicago, Ill.—M. H. Klinger Co. in following cities: 158 W. Pico Blvd., Los Angeles; 440 Golden Gate Ave., San Francisco; 1016 First Ave., S. Seattle 4; 1230 Bellaire St., Denver.

JOHNSON CO., E. F., 206 Second Ave. S.W. Waseca, Minn.—Don C. Wallace, 1206 Maple Ave., Los Angeles; Les Logan, 580 Gough St., San Francisco; Dave M. Lee Co., 2517 Second Ave., Seattle and 2712 Northeast Raleigh St., Portland 10; Harry A. Moore Sales, P. O. Box 7245, Phoenix, Ariz.

JOLIET WROUGHT WASHER CO., Joliet, Ill.—H. H. Hobelmann & Co., 225 Kansas St., San Francisco.

JONES, HOWARD B., Div. Cinch Mfg. Corp., 2460 W. George St., Chicago 18, Ill.—Branch Office: 1709 W. 8th St., Los Angeles.

JONES METAL PRODUCTS CO., THE, West Lafayette, Ohio—(See Abolite Lighting Division).

JORDAN REFRIGERATOR CO., INC., 7900 Tabor Road, Philadelphia, Pa.—Normin Roossin, 1401 S. Hope St., Los Angeles; U. S. Grant Export & Import Co., 1240 E. Sixth St., Los Angeles; Domestic Line: Charles Schoenche, 305 Mining Exchange Bldg., Denver; Jay J. Fritzler, 3501 Garfield St., Denver.

JOSLYN MFG. & SUPPLY CO., 20 N. Wacker Drive, Chicago, Ill.—Branch Offices: Joslyn Pacific Co., 5100 District Blvd., Los Angeles; 180 Potrero Ave., San Francisco; 2424 First Ave. So., Seattle; 808 N.W. 16th St., Portland; 560 Gale St., Salt Lake City. Sold through Electrical Distributors all principal cities.

JOY MFG. CO., Oliver Bldg., Pittsburgh, Pa.—Branch Offices: 1155 Harrison St., San Francisco, 5426 E. Washington, Los Angeles, 1359 S. Second West St., Salt Lake City, 1626 Wazee, Denver 2, 24 W. Granite, Butte, 1631 N.W. Thurman, Portland, 3410 First Ave., So., Seattle, S. 121 Monroe, Spokane.

JUSTRITE MANUFACTURING CO., 2061 No. Southport Ave., Chicago, Ill.—Branch Office: 448 Monadnock Bldg., San Francisco 5—Paul V. Miles, Western Mgr.

KPF ELECTRIC CO., 1624 East Alpine Ave., Stockton 5, Calif.—L. A. Nott, 1061 Howard St., San Francisco 3.

KAAR ELECTRIC CO., 2995 Middlefield Road, Palo Alto, Calif.—Verner O. Jensen Co., 2616 Second Ave., Seattle; Gordon B. Armstrong, 814 Dominion Bldg., Vancouver, B. C.; E. G. Wence, Box 1695, Hilo, T. H.

KAISER ALUMINUM & CHEMICAL SALES, INC., General Sales Office, Palmolive Sales Building, 919 North Michigan Ave., Chicago 11, Ill.—Western Branch Offices at 1220 S.W. Morrison St., Portland; 308 Hoge Bldg., Seattle; W. 601 Riverside, Spokane; 1924 Broadway, Oakland; Statler Center, 900 Wilshire Blvd., Los Angeles; Denver Club Building, Suite 486-518, 17th St., Denver — Also sold thru General Electric Supply, Westinghouse Electric Supply Corp., Line Materials Co., and Maydwell & Hartzell, Inc.

KANTHAL CORP., Stamford, Conn. Montgomery Brothers, 2113 S. San Pedro, Los Angeles; 1122 Howard St., San Francisco; 1632 N.W. Johnson St., Portland, and 911 Western Ave., Seattle.

KATO ENGINEERING CO., 1416 First Ave., Mankato, Minn.—Northwestern Agencies, 4130 First Ave. South, Seattle 4; Charles I. Thompson, 132 Hastings St. W., Vancouver, B.C.; Kaelin Electric, 1412 So. Los Angeles St., Los Angeles 15.

KAUFMAN MFG. CO., 29th and Meadow Lane, Manitowoc, Wis.—A. S. Knight, 3010 Western Ave., Seattle 1; R. E. Van Scoter Co., Alcott Station, P. O. Box 3363, Denver 12; Chester E. Graham, 236 Bonita Ave., Piedmont, Calif.; H. R. Pursell, 2623 Temple St., Los Angeles.

KAYLINE CO., 2480 E. 22nd St., Cleveland, Ohio—Fred J. Stone, 1355 Market St., San Francisco.

KATOLIGHT CORP., First Ave. & Chestnut, Mankato, Minn.—Star Machinery Co., 241 Dander St., Seattle; King-Knight Co., 360 Jefferson St., San Francisco and 4710 Crenshaw Blvd., Los Angeles; Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B. C.

KEARNEY CORP., JAMES R.—4236 Clayton Ave., St. Louis, Mo.—Maydwell & Hartzell, Inc., in following cities: 870 Tennessee St., San Francisco 3; 427 W. 5th St., Los Angeles 13; 306 Dexter Ave., Seattle 4 and 1238 N.W. Glisan St., Portland 9; 814 Paulson Bldg., Spokane, and 324 S. 2nd Ave., Phoenix; Conley Engineering Co., 165 S. First West St., Salt Lake City; Eugene E. Holke, 379 Hudson, Denver. (See adv. p. 35.)

KEES MFG. CO., F. D., 700 Park St., Beatrice, Neb. — Fred S. Zaugg, 907 N.W. Irving St., Portland.

KELLEMS CO., 15 Williams St., Stonington, Conn.—R. E. Cunningham & Son, 530 West 6th St., Los Angeles; George E. Honn Co., 420 Market St., San Francisco.

KELLOGG SWITCHBOARD & SUPPLY CO., 6650 S. Cicero Ave., Chicago, Ill.—Branch Office; 1662 Mission St., San Francisco, 406 S. Main St., Los Angeles; Jewel-Summer Co., 407 Commercial Center, Beverly Hills, Calif.; 720 S.W. Washington St., Portland.

KELMAN ELECTRIC & MFG. CO., 1667 N. Main St., Los Angeles, Calif.—C. E. Ingalls & Sons, Monadnock Bldg., San Francisco; Eicher & Co., Colman Bldg., Seattle; W. H. Eddy Electric Products, Inc., P. O. Box 1428, Phoenix; Cline Equip. Co., 233 South West Temple St., Salt Lake City.

KELNOR MANUFACTURING CORP., 222 Kearney St., San Francisco, Calif. — Clay Estes Co., 1355 Market St., San Francisco.

KELVINATOR DIVISION — American Motors Corp., 14250 Plymouth Rd., Detroit 32, Mich. — West Coast Regional Manager, E. B. Barnes, Suite 316, 6253 Hollywood Blvd., Hollywood 28, Calif.; Branch Offices: 2914 E. 46th St., Los Angeles 58 and 2819 Elliott Ave., Seattle 1; 2325 E. 12th St., Oakland; Distributors: Charles Ilfeld Co., 200 N. First St., Albuquerque; Taylor Dist. Co., P. O. Box 1116, Billings; Hendrie and Bolthoff Co., 1621-39 17th St., Denver; Elec. Equipment Co., First Ave. at Madison, Phoenix; Wilmot Hardware Co., 1803 Myrtle, El Paso, Tex.; Flint Dist. Co., 316 W. 2nd South St., Salt Lake City.

KEMP MFG. CO., C. M., 405 E. Oliver, Baltimore, Md.—Lombard Smith, 714 W. Olympic Blvd., Los Angeles; E. A. Wilcox Co., 277 Seventh St., San Francisco and Arctic Bldg., Seattle; Blair Eng. Co., 2144 Welton St., Denven.

KENNAMETAL, INC., Lloyd Ave., Latrobe, Pa. — Branch Offices: P. O. Box 58443, Vernon Station, Los Angeles 58; 4095 19th Ave., San Francisco 27; M. R. Priest & Sons, Inc., 515 East Highland St., Boise, Ida.; Lindsay Bros., 1504 N.W. Johnson St., Portland 9; Capitol City Steel Co., 324 West 8th South, Salt Lake City; Campbell Ind. Supply Co., 3433 Airport Way at Spokane St., Seattle 4.

KENNECOTT WIRE & CABLE CO., Bourne Ave., Phillipsdale, R. I.—Chase Brass & Copper Co., 210 So. Central Ave., Los Angeles 54, and 680 Second St., San Francisco, and 1957 First Ave., South, Seattle 4.

KEN-RAD LAMP DIV., WESTINGHOUSE ELEC. CORP., Owensboro, Ky.—Branch: 609 S. Anderson, Los Angeles 23; sold through Westinghouse Electric Supply houses all principal cities.

KENT METAL MFG. CO., Inc., 490 Johnson Ave., Brooklyn 37, N.Y.—Pete Bach, 1233 N. W. 12th Ave., Portland.

KEPCO LABORATORIES, 131-38 Sanford Ave., Flushing, New York—V. T. Rupp Co., 2230 W. 11th St., Los Angeles.

KEPP LABORATORIES, 131-38 Sanford Ave., Flushing, N. Y.—V. T. Rupp Co., 2230 W. 11th St., Los Angeles.

KERITE COMPANY, 30 Church St., New York City—Branch Offices: The Kerite Co., 582 Market St., San Francisco; 2901 San Fernando Rd., Glendale 4, Calif.

KETT TOOL COMPANY, 5 East Third St., Cincinnati, Ohio—James E. Allen, Box 86, Pacific Palisades, Calif.

KEWANEE BOILER CORP., Franklin St. and "Q" Tracks, Kewanee, Ill.—E. H. Langdon Co., 72 Vine St., Seattle 1; Sullivan Valve & Eng. Co., 2932 East Trent Ave., Spokane; Wm. S. Turner, 432 Pacific Bldg., Portland; R. M. Gunzel, 320 Crocker St., Los Angeles 13; J. O. Martin Co. Inc., 637 Minna St., San Francisco; Williams, Gritton & Wilde, 204 Dooly Bldg; Salt Lake; Harry H. Herman & Co., 1226 California St., Denver 4.

KEYSTONE CARBON CO., 1935 State St., St. Marysville, Pa.—Powdered Metal Products, Manufacturing Associates, P. O. Box 34723, Los Angeles 34; NTC Resistors; (Thermistors) Lee Grant Snyder Co., 1418 North Highland Ave., Hollywood, Calif.

KEYSTONE ELECTRIC MFG. CO., 2228 E. Tioga St., Philadelphia, Pa.—Electrical Engr. & Sales Co., 2030 Texas St., El Paso; Galvin Sales Co., 1621 Main St., Dallas.

KEYSTONE MFG. CO., 23328 Sherwood, Center Line, Mich.—R. C. English & Associates, 3814 N.E. Wasco St., Portland; Kenneth B. Schuman Co., 1073 Galapago St., Denver 4; Steven Toma, 3637 E. Indian School Rd., Phoenix. Distributors: General Elec. Supply Co., and Westinghouse Elec. Supply Corp., all principal cities.

KIDDE CO., INC., WALTER, 675 Main St., Belleville, N. J.—District Office, 4845 W. Exposition Blvd., Los Angeles 16. Sold thru leading distributors in all principal cities.

KILBURY MFG. CO., INC., 14529 Hawthorne Blvd., Lawndale, Calif.—Jack Janofsky, P.O. Box 48415 Briggs Sta., Los Angeles 48; Hollywood Wholesale Elec. Co., 6820 Romaine, Hollywood 28; Oakland Sheet Metal & Supply Co., 2100 Poplar St., Oakland 7.

Designers-Manufacturers Since 1928

Precision Electrical Testing Devices —Transformers to 10 KW.—Coil Winding — Rectifier Assemblies — Bat. Chargers—Cathodic Protection Eq.—Prime & Sub-Contract Work in Fabricating, Assembling and Wiring.

KNOPP INC.

4224 Holden St., Oakland 8, Calif.

KILLARK ELECTRIC MFG. CO., 3940 Easton Ave., St. Louis 13, Mo. — Northwestern Agencies, Inc., 4130 First Ave. So., Seattle 4; F. M. Nicholas Co., 714 Harrison St., San Francisco; Kenneth Anderson Co., 412 Seaton St., Los Angeles 13; Kenneth B. Schumann, 1073 Galapago, Denver.

KIM MFG. CO., 3800 Canon Blvd., Altadena, Calif.

KINDORF, Div., Steel City Electric Co., 4060 Harlan St., Emeryville, Calif.—Hodges & Glomb, 1264 Folsom St., San Francisco; Murphy-Hain, 2133 Bay St., Los Angeles; Northwestern Agencies, 4130 First Ave. South, Seattle; Fred E. Staible & Sons, 2046 Araphoe St., Denver.

KINGSBACHER MURPHY CO., 6245 Lexington Ave., Los Angeles, Calif.

KINNEAR MFG. CO., 736 Fields Ave., Columbus 16, Ohio—Kinnear Co. of Calif., 1742 Yosemite Ave., San Francisco 24; Williams, Gritton & Wilde, 204 Dooly Bldg., Salt Lake City.

KINNEY ELECTRICAL MFG. CO., 678 Buckeye, Elgin, Ill.—Colorado Western Sales, 27 W. 10th St., Denver; J. E. Pearce, P.O. Box 796, Albuquerque.

KIRKLAND CO., THE H. R., 8-10 King St., Morristown, N. J.—Wiant Prod. Co., 1231 N.W. Hoyt, Portland; Fred D. Benz Co., 444 Brannan St., San Francisco.

KIRLIN CO., 3435 E. Jefferson, Detroit 7, Mich.—Wm. Benndorf, 401 W. Jackson St., Phoenix; C. T. Bakeman, 445 Bryant St., San Francisco; A. C. Slater, 9011 15th Ave. N.E., Seattle; Stanford P. Dargen, 328 W. Second South, Salt Lake City.

KIRKWOOD COMMUTATOR CO., 1345 Carnegie Ave., Cleveland, Ohio—Insulation & Wires, Inc., in following cities: 6415 E. Fleet St., Los Angeles; 1077 Howard St., San Francisco; 525 N Tillamook, Portland.

KITCHEN AID Div. Hobart Mfg. Co., 651 Penn Ave., Troy, Ohio—D. E. Sanford Co., 12th and Howard Sts., San Francisco; 1931 Second Ave., N.E., Seattle 1; 1049 S. Hill St., Los Angeles; D. H. Sluman & Co., 7700 W. 13th Ave., Denver.

KLIEGL BROS. Univer. Elec. Stage Ltg. Co., Inc., 321 W. 50th St., New York City 19—Kliegl Lighting Co. of Calif., 1060 W. 6th St., Los Angeles 17. C. J. Holzmueller, 1108 Howard St., San Francisco.

KLEIN & SONS, MATHIAS, 7200 McCormick Rd., Chicago, Ill.—C. L. Woolsey, 1320 Opachee Way, Glendale, Calif.

KNAPP-MONARCH CO., 3501 Bent Ave., St. Louis, Mo. — Branch Office: Donald L. Arlen, 672 S. Lafayette Park Place, Los Angeles, Calif.; John Tsarnas, 111 Crespi Dr. San Francisco; Jos. C. Platt Co., 111 Bell St., Seattle; Clair Wool, 416 Kentucky, East, Denver.

KNIGHTS CO., JAMES, THE, Wells and Church, Sandwich, Ill.—Richard Legg Co., 3834 S.E. Milwaukee Ave., Portland 2; G. S. Marshall Co., 40 S. Los Robles, Pasadena 1, and 2015 El Camino Real, Redwood City, Calif.

KNOPP INC., 4224 Holden St., Oakland, Calif.—C. C. Blacksmith, P.O. Box 54, Covina, Calif.; Arthur E. Booth, 265 S. Alexandria Ave., Los Angeles 4; Dr. Gordon Scott, 900 Wilshire Blvd., Los Angeles; Wm. M. Jewell, Box 116, Edmonds, Wash. (See ad p. 34.)

KNOX PORCELAIN CORP., Knoxville, Tenn.—Bruce-Emmett Co., 1016 First Ave So., Seattle 4, and 830 S. E. Alder St., Portland; The Baxter Co., 101 Kansas St., San Francisco; A. J. Nelson, 1629 Blake St., Denver.

Contact MAYDWELL & HARTZELL for KEARNEY EQUIPMENT ...best in the West

For better construction ... safer maintenance

TRIP-O-LINK FUSE CUTOUT

Rating 5,000 to 15,000 Volts—50-100 Amperes. Single shot provides positive low cost insurance against transformer burnout, and needless circuit interruptions. An original KEARNEY design.

TRIP-O-LINK TRIP SAVER CUTOUT

2 Shot Reclosing Type

Rating 5,000 to 15,000 Volts—50 Amperes. Automatically recloses the interrupted circuit through the reserve fuse—restores service and eliminates service trips.

TRIP OUT FUSE CUTOUT

Rating 5,000 to 69,000 Volts—100-200 Amperes. A rugged, heavy duty fuse cutout built to interrupt the high short circuit currents of modern day distribution and transmission lines.

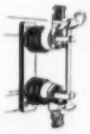
TRIP SAVER FUSE CUTOUT

Rating 5,000 to 34,500 Volts—100-200 Amperes. Positive continuous sequence of action resets automatically, eliminates costly service interruptions.

TRIP-O-MATIC FUSE CUTOUT

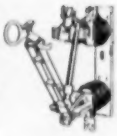
Rating 5,000 to 7,500 Volts—50-100 Amperes. Isolates service interruptions and protects expensive distributing equipment. Simplicity of the tripping mechanism makes it possible to clear either low overloads or heavy short circuits with equal facility.

HOOK-OPERATED DISCONNECT SWITCH



Ratings 7,500 to 69,000 Volts—200-600 Amperes. Made of field tested material of the highest quality. KEARNEY Hook-Operated Disconnect Switches offer you trouble-free performance for isolating substation equipment and feeder lines.

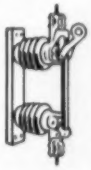
REGULATOR BY-PASS DISCONNECT SWITCH



Rating 7,500 to 15,000 Volts—200-600 Amperes. With KEARNEY Regulator By-Pass Switches safe switching sequence is automatic, eliminating the hazards of opening the wrong disconnect; takes care of four distinct switching operations in safe, logical order.

GROUP-OPERATED DISCONNECT SWITCH

Rating 7,500 to 69,000 Volts—200-400-600 Amperes. Available in Tilting and Rotating Insulator type—adaptable to single or multiple pole application. Proven to be long-lasting and dependable.



ULTRA HIGH PRESSURE DISCONNECT SWITCH

Available in 600 Amps., all standard ratings 7.5 to 69 KV inclusive. The low-operating temperature of this revolutionary design means longer service life. Write for bulletin 6-25 for more detailed information.

CONNECT 'EM FOR KEEPS with *Compression!*

Use KEARNEY SQUEEZON Connectors. Here's the *original* compression connector . . . with KEARNEY's exclusive "built-in spacer" design that holds each conductor separately in its own groove . . . providing full circumference contact. Available in Standard, "L" and "T" types.

KEARNEY *AIRSEAL* FOR GREATER PERMANENT PROTECTION TO *ALL* CONNECTIONS

KEARNEY AIRSEAL is a pliable, high-dielectric compound, chemically inert, which when applied to connections forms a permanent seal against high resistance contamination.

SPECIALIZED AND NEMA STANDARD FUSE LINKS

With KEARNEY's four "special characteristic" fuse links, you can coordinate your protection to meet any special needs . . . and prevent unnecessary service interruptions. NEMA standard fuse links available also . . . in all sizes.

JAMES R. KEARNEY CORPORATION

Specify **KEARNEY PRODUCTS**

OVERHEAD AND UNDERGROUND UTILITY EQUIPMENT

286

For Prompt Service, Contact **MAYDWELL & HARTZELL INCORPORATED**

LOS ANGELES · SEATTLE · PORTLAND · SAN FRANCISCO · SPOKANE · PHOENIX

KOHLER CO., Kohler, Wis. — Branch Office: 505 Post St., San Francisco, 1907 Third Ave. Seattle; 3458 Wilshire Blvd. Los Angeles.

KOILED KORDS, INC., 1565 Dixwell Ave., New Haven 14, Conn.—Jewell-Summer Co., 407 Commercial Center, Beverly Hills, Calif., S. M. Sherman, Box 1362, Los Altos, Calif.

KONDU CORPORATION, 1040 West 12th, Erie, Pa.—F. D. Moran, P. O. Box 881, Denver; Bruce-Emmett Co., 830 S. E. Alder, Portland, and 131 First Ave. W., Seattle; A. B. Murphy, 238 9th St., San Francisco.

KOPPERS COMPANY, INC., Metal Products Div., 200 Scott St., Baltimore, Md.—Oliver B. Tyman, 55 New Montgomery St., San Francisco 11; Schloss & Shubart, 1626 Wazee St., Denver 2; Southport Eng. Co., 235 W. 32d St., Los Angeles 5; Milwaukee Machinery Co., 4000 S. W. MacAdam Ave., Portland 14; The Galigher Co., 545 W. 8th South St., Salt Lake City 4; Birger A. Guthe Co., 1214 E. Anaheim St., Long Beach 13; Hatch Grinding Co., 1024 E. 14th St., Denver 2.

KORD MANUFACTURING CO., INC., 4510 White Pl. Rd., New York City—Bruce-Emmett Co., 830 S.E. Alder, Portland; Western Sales & Assoc., 1206 So. Maple Ave., Los Angeles.

KORFUND CO. INC., 48-21 32nd Place, Long Island City 1, N. Y.—W. H. Steele & Co., 336 S. Central Ave., Los Angeles 13; Rolph, Mills & Co. 171 Second St., San Francisco 5; Materials & Equipment Co., 1632 Wazee St., Denver 2; Charles E. Hamilton, 209 Seneca St., Seattle; T. W. Spaetgens, 193 E. Hastings St., Vancouver, B. C.

KORNS COMPANY, C. C., 350 Southmont Blvd., Johnstown, Pa.—Incandescent Supply Co., 647 Mission St., Graybar Electric Co., 1750 Alameda St., San Francisco; Gough Industries, 827 E. 1st St., Los Angeles; Graham-Reynolds Electric Co., 1325 Rio Vista Ave., Los Angeles.

KORTICK MFG. CO., 5600 Third St., San Francisco 24, Calif.—Maydwell & Hartzell, Inc., 870 Tennessee St., San Francisco and 427 W. 5th St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; 306 Dexter Ave., Seattle 9; 121 Monroe St., Spokane 324 So. Second Ave., Phoenix; Nat'l Elec. Supply, 611 Keeaumoku, Honolulu, T. H. (See adv. page 36.)

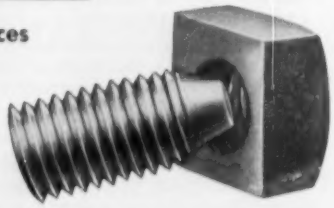
DEPENDABLE POLE LINE CONSTRUCTION DEMANDS

High Tensile Bolt Guy Clamps

"HANDIDRIVE" Pole Steps

Cross Arm Braces

Manufactured & Stocked for Your Convenience On The Pacific Coast



Handipoint Bolts and Rods

KORTICK MANUFACTURING COMPANY

5600 Third St., San Francisco 24
Telephone Valencia 6-6107

Sales Offices & Warehouse Stocks at
MAYDWELL & HARTZELL, INC.,
Los Angeles, San Francisco and San Diego, Calif.
Seattle, Wash., Portland, Ore., Phoenix, Ariz.
NATIONAL ELECTRIC SUPPLY CO., Honolulu, T.H.

KOTRON RECTIFIER CORP., 54 Clark, Newark, N. J.—Joe Davidson & Associates, 2803 Los Flores Bldv., Lynwood, Calif.

KRUEGER & HUDEPOHL, Cincinnati, Ohio—F. E. Pope, 1401 Floribunda Ave., Burlingame, Calif.

KRYLON, INC., Norristown, Pa.—Leslie D. Morrison, 704 The Alameda, Berkeley 7, Calif.; P. A. O'Neill, 1362 S. Flower St., Los Angeles.

KUHLMAN ELECTRIC CO., 1000 26th St., Bay City, Mich.—Kuhlman Elec. Co., 1056 Pellett Ave., Salinas, Calif.; Maydwell & Hartzell, Inc., 870 Tennessee St., San Francisco; 427 West Fifth St., Los Angeles; 324 South Second, Phoenix; 1238 N.W. Glisan St., Portland; 306 Dexter Ave., Seattle; 1778 Pacific Beach Dr., San Diego, Calif.; Sales Engineers Co., 211-212 Wazee Market, Denver, and 2269 McClelland, Salt Lake City; Joe E. Pearce & Associates, 925 Madison St., N.E., Albuquerque.

KULKA ELECTRIC MFG. CO., INC., 633 So. Fulton Ave., Mt. Vernon, N. Y.—Conrad R. Strassner Company, 1865 N. Western Ave., Los Angeles 27, Calif.; Pete Bach Electric, 1233 N.W. 12th Ave., Portland 9, Ore.; Joseph M. Smith Co., 2029 Sunset Blvd., Los Angeles, Calif.; James Mundstock, 320 Market St., San Francisco 11; D. A. Steinkamp & Co., 936 St. Paul St., Denver 6; H. George Shefler Co., P. O. Box 1587, Phoenix.

KURZ & ROOT CO., INC., 232 E. North Island, Appleton, Wis.—Branch Plant: Kurz & Root of Calif., 1500 E. Fourth St., Los Angeles 33.

KWIKHEAT MFG. CO., 3732 San Fernando Road, Glendale, Calif.—Claude Michael Agency, 703 West Ivy, Glendale 4, Calif.

KYLE CO., 9th and Marion Aves., South Milwaukee, Wis.—See Line Material Co.

LADUBY CO., INC., Boston Post Road, Branford, Conn. — Keeler, White Co., 436 Colyton St., Los Angeles; 615 Seventh St., San Francisco; 322 N.W. Fourth Ave., Portland; 1041 Sixth Ave. So., Seattle. All leading electrical jobbers.

LAKE MFG. CO., 2323 Chestnut St., Oakland, Calif.—D. R. Roesch Co., 2200 So. Figueroa St., Los Angeles; F. A. Thomas Co., 47 Second St., San Francisco; Hawthorne Electronics, 700 S. E. Hawthorne Blvd., Portland 14; Selo Electric Co., 4318 Roosevelt Way, Seattle; Western Sound & Equip., 264 E. 1st So., Salt Lake City. KT-Electronics, 1501 American Ave., Long Beach; Electrosonic Eng. Co., 727 N. La Brea Ave., Los Angeles.

LAKE SHORE ELECTRIC MFG. CO., 2398 Woodlawn Ave., Cleveland, Ohio—Schueler & Weston, 923 E. 3rd St., Los Angeles.

LAMPART CO., 785 Kifer Road, Santa Clara, Calif.—M. A. Wagner, 1075 Broadway, Belmont, Calif.

LAMSON CORPORATION, Billmyre Blower Div., 900 Lamson St., Syracuse, N. Y.—Branch Offices: 555 Bryant St., San Francisco 7; 306 E Washington Blvd., Los Angeles; 2202 First Ave. W., Seattle 99; Colin Kirk & Associates, 1197 Stout St., Denver 4.

LANDERS, FRARY & CLARK, 47 Center St., New Britain, Conn.—Branch Offices: 1355 Market St., Room 465, San Francisco; 1206 S. Maple St., Los Angeles; H. Foss, Box 508, Seattle.

LANG MFG. CO., F. S., 2754 First Ave., So., Seattle, Wash.—Northwest Hotel Supply Co., 313 2nd Ave., Seattle; 427 S.W. 13th Ave., Portland; Kalberer Hotel Supply, N.W. 5th & Flanders, Portland, Ore.; Brodie's National Co., Seattle, Spokane and Portland; Greene Todd, Inc., Seattle; Bargreen & Stroble, Seattle; National Equip. Co., San Francisco; Montana Restaurant Supply, Missoula; Bargreen and Von Bargen, Bellingham, Wash.; Bargreen and Stroble, Seattle.

LANLY COMPANY, 750 Prospect Ave., Cleveland 15, Ohio—C. B. Babcock Co., 1485 Bayshore Blvd., San Francisco.

LAPP INSULATOR CO., INC. LeRoy, N. Y.—Earl S. Condon Co., 3460 Wilshire Blvd., Los Angeles; C. E. Ingalls & Sons, 541 Monadnock Bldg., San Francisco; Charles F. James, 615 Lloyd Bldg., Seattle; Riter Eng. Co., Kearns Bldg., 314 Kearns Bldg., Salt Lake City; R. E. McDonough Co., 829 Maryland Ave., Butte, Mont.; H. C. Guire & Co., 715 South York St., Denver, Colo.

LARKIN LECTRO PRODUCTS CORP., Pine Bluff, Ark—(See Central Transformer Corp.).

LARSON LADDER CO., 651 Martin Ave., Santa Clara, Calif.—W. & B. Stone Co. (formerly Wm. P. Horn Co.), 1355 Market St., San Francisco.

LaSALLE PRODUCTS, INC., 143 Seneca St., Buffalo, N. Y.—Wm. Benndorf, P. O. Box 1926, Phoenix; B. T. Heinz, Dexter Horton Bldg., Seattle; Wm. H. Fuller, 1038 Palm Ave., Whittier, Calif.; D. H. Sluman & Co., P. O. Box 7528, 1601 Glen Bar Dr., Lakewood, Colorado.

LAU BLOWER CO., 2001 Home Ave., Dayton, Ohio—J. O. Kilian, 2311 Midvale Ave., West Los Angeles.

LAUGHLIN CO., THOMAS, 143 Fore St., Portland, Maine—Norman S. Wright Co., in following cities: 2779 Folsom St., San Francisco 10; 625 N. Alvarado, Los Angeles 26; 1932 S. W. Water St., Portland 1; 233 Ninth Ave. North, Seattle 9; 112 W. Jackson St., Phoenix, Ariz.; Paul R. Spencer & Co., 4000 York St., Denver 5 and 404 Dooly Bldg., Salt Lake City 1.

LEACH COMPANY, 412 So. Main St., Oshkosh, Wis. — Graybar Electric Co., General Electric Supply and Westinghouse Electric Supply in all principal cities.

LEACH RELAY CO., 5915 Avalon Blvd., Los Angeles, Calif.—Herman Held, 147 10th St., San Francisco; James M. Walthew, P. O. Box 15, Boeing Field, Seattle; A. J. Nelson, P. O. Box 2244, Denver.

LEADER ELECTRIC CO. — (See Benjamin Elec. Mfg. Co.)

LEADER LAMP MFG. CO., 476 Broome St., New York City—J. H. Kay, 10531 So. Julius Ave., Downey, Calif.

LEADLIGHT FIXTURE CO., 800 100th Avenue, Oakland, Calif.—Lou Black, 3305 Wilshire Blvd., Los Angeles; Howard Condon, 3001 Elm St., Denver; W. H. Cress Co., 201 Concorn Bldg., Salt Lake City; Bob Evans, 110 Social Hall, Salt Lake City; Tom Faunce, 3566 La Entrada, Santa Barbara, Calif.; Oscar Hogenson, 95 Connecticut St., Seattle; Dan McCabe, Park Hotel, Great Falls, Mont.; Jim Ferry, 1169 Kapiolani Blvd., Honolulu, T. H.

LEAR, INCORPORATED, 3171 S. Bundy Dr., Santa Monica, Calif. — Aircraft Service Div., Lear Hangar, Santa Monica Airport, Santa Monica; Western Field Service Hdqts., 11916 W. Pico Blvd., Los Angeles 64; Roger Hoffman, Box 60 Terminal Bldg., Seattle 8; John E. Moore, 429 Robinson Ave., San Diego; Learcal Division, 3171 So. Bundy Dr., Santa Monica, Calif.

LECKENBY STRUCTURAL STEEL CO., 2745 11th Ave. S.W., Seattle, Wash.

LECTROHM, INC., 5560 N. West Highway, Chicago, Ill.—George S. Tivy, 1148 S. Grand Ave., Los Angeles; Logan Sales, 154 Eighth St., San Francisco.

LECTRO SPEED CO., 12005 N. Burgard St., Portland, Ore.

LEE CO., K. O., Aberdeen, S. D.—West Coast Distributors: Los Angeles: Bell Equipment, Garrett Supply, Hoffman & Heartt, Machinery Sales, Marshall Tool & Supply, Seaboard Machinery. Riverside: Ken's Tool & Supply. Pasadena: Foothill Tool & Machinery. Hammond Machinery & Supply Co., San Diego; C. F. Bulotti Machinery Co., A. J. Glesener Co., San Francisco; Portland Machinery Co., Portland; Star Machinery Co., Seattle.

LEECE-NEVILLE CO., 5109 Hamilton Ave., Cleveland 14, Ohio—E. W. McConnell, 1611 So. Hope, Los Angeles 15.

LEEDS & NORTHRUP COMPANY, 4970 Stenton Ave., Philadelphia, 44, Pa.—Branch Offices: 1095 Market St., San Francisco 3; 5110 Via Corona Ave., Los Angeles 22, 603 Stewart St., Seattle 1.

LEESON STEEL PRODUCTS, INC., 666 N. Lake Shore Drive, Chicago, Ill.—O. B. Wilt, 1355 Market St., San Francisco; Lakin-Meyers, 50 Otis St., San Francisco; J. E. Gray, Denver

LELAND ELECTRIC CO., 1501 Webster St., Dayton 1, Ohio—J. F. Cady, 995 Market St., Rm. 310, San Francisco 3; F. Y. Gates, 200 South Main St., Salt Lake City 1; Engineering Sales geles 13; Hubert Kaub, 1025 Santa Fe Drive, Denver 4.

LELAND, INC., G. H., 123 Webster St., Dayton 2, Ohio—Branch Office, 2050 W. Florence Ave., Los Angeles 47.

LENK MFG. CO., THE, 30 Cummington St., Boston 15, Mass.—Harry Marshall, 104 Olive St., San Francisco; George Forge, 920 N. 75th St., Seattle 3; Edward Lackner, 680 Bellaire, Denver.

LENKURT ELECERIC CO., INC., 1105 County Road, San Carlos, Calif.—Automatic Electric Sales Corp., 55 New Montgomery St., San Francisco; 4415 W. Pico Blvd., Los Angeles and 644 Central Bldg., Seattle.

LENZ ELECTRIC MFG. CO., 1751 N. Western Ave., Chicago, Ill.—H. H. Van Luven, 120 S. Hewitt St., Los Angeles 3; Logan Sales, 154 8th St., San Francisco.

LEONARD ELECTRIC MFG. CO., 3907 Perkins Ave, Cleveland, Ohio—Kirk-Palka Co., 415 Wall St., Los Angeles.

LESLIE CO., Lyndhurst, N. J.—Claude B. Smith Co., 200 Davis St., San Francisco.

LEVITON MFG. CO., 236 Greenpoint Ave., Brooklyn, N. Y.—Western Division: 385 E. 2nd St., Los Angeles 5; J. Driscoll, 2166 Market St., San Francisco and J. M. Cavanaugh, 1132 N.W. Glisan, Portland 9; Howard F. Condon, 306 Enterprise Bldg., Denver.

LEW ELECTRIC FITTINGS CO., 627 W. Lake St., Chicago, Ill.—Floyd L. Guenther, 2216 First Ave., Seattle 1; F. J. Airey Co., 1513 S. Mateo St., Los Angeles 21; W. E. Wallace Co., 445 Bryant St., San Francisco.

LEWIS ELECTRICAL EQUIPMENT CO., 5309 Germantown Ave., Philadelphia, Pa.—Robt. J. Arthur, 420 Market St., San Francisco.

LEWIS ENGINEERING & MFG. CO., 1255 S. Mahoning Ave., Alliance, Ohio—Charles E. Black Co., 444 Dexter-Horton Bldg., Seattle 4; Gene P. Wolter, 2350½ Glendale Blvd., Los Angeles 39.

LEWIS ENGINEERING CO., Maple & Rubber Sts., Naugatuck, Conn.—Pacific Scientific Co., 25 Stillman St., San Francisco, 1430 Grande Vista Ave., Los Angeles, Terminal Sales Bldg., Portland and 1915 1st Avenue South, Seattle.

LEWIS ELECTRICAL EQUIP. CO., 5309 Germantown Ave., Philadelphia, Pa.—Robt. J. Arthur, 420 Market St., San Francisco.

LEWIS & KAUFMAN, LTD., 17320 El Rancho Ave., Los Gatos, Calif.—C. W. Mauldin, 995 Market St., San Francisco 3, Calif.; W. Bert Knight Co., 10373 W. Pico Blvd., Los Angeles; Dale G. Weber, 234 Sherlock Bldg., Portland 4.

LEWYT CORPORATION, 60 Broadway, Brooklyn 11, N. Y.—Frank Edwards Co., Inc., 582 6th St., San Francisco; Sues, Young & Brown, Inc., 3636 S. Bronson Ave., Los Angeles; P. B. Connelly Co., 905 N. W. 12th Ave., Portland, and 1015 Republican St., Seattle; Inland Empire Wholesalers, 110 So. Wall St., Spokane; W. H. Bintz Co., 433 W. Third South, Seattle; Northwestern Auto Supply, 420 N. Broadway, Billings, Mont.; Western Appliance Corp., 201 So. Cherokee, Denver; Albert Mathias & Co. Inc., 113 So. Mesa, El Paso and 305 So. 2nd Ave., Phoenix; Straus-Bodenheimer, 1513 Prairie, Houston; Medaris Co. Inc., 1202 Dragon St., Dallas; Distributors Inc., 451 2nd Ave., San Diego.

LEXINGTON ELECTRIC PRODUCTS CO., INC., 12 Chapel St., Newark 5, N. J.—Charles E. Klaus, 1004 S.E. Belmont St., Portland 14; Muth-Richards Co., 700 5th Ave. So., Seattle 4; Campbell & George Co., 1601 Cortland, San Francisco; Hundley Co., 3532 Fletcher Dr., Los Angeles 65.

LIBERTY BELL MFG. CO., Minerva, Ohio—Northwest Sales Co., 1603 N.W. Johnson, Portland; A. Allen Smith, 1513 Mateo St., Los Angeles; Thos. D. Noble Co., 210 12th St., San Francisco; O. W. Coombs, 1026 S. Olive St., Los Angeles; A. J. Nelson Co., P. O. Box 5502, Denver.

LIGHTING PRODUCTS, INC., Highland Park, Ill. — James Mundstock, 320 Market St., San Francisco; E. A. Ryan, 135 N. W. Park, Portland; Fred E. Stalble & Sons, 2046 Arapahoe, Denver; Wm. Proby & Associates, 522 First Ave. S., Seattle; Carl Mann, 121 S. Madison, Spokane; W. A. McGuire, 164 S. Central Ave., Los Angeles 12.

LIGHTOLIER, INC., 346 Claremont Ave., Jersey City, N. J.—Branch Office, 1585 Folsom St., San Francisco, Calif. Sold thru electrical distributors.

LIMA ELECTRIC MOTOR CO., Findlay Road, Lima, Ohio—Starbuck Machine Tool Co., 4111 Airport Way, Seattle; Clyde P. Elliott, 661 Delaware St., Denver 4; Darnall Machinery Co., 315 East Washington Blvd., Los Angeles 15; Germain Machinery Co., 700 Minnesota St., San Francisco 7.

LINCOLN ELECTRIC CO., 22801 St. Clair Ave., Cleveland, Ohio—Branch Offices: 1303 Stanford Ave., Emeryville, Calif.; 2661 So. Yates Ave., Los Angeles; 135 E. Rose Lane, Phoenix; 1034 N.E. Russet St., Portland 11; 543 W. Nevada Ave., Seattle 4; Industrial Supply Co., P. O. Box 600, Salt Lake City; Great Northern Tool & Supply, Billings, Mont.

MAYDWELL & HARTZELL

INCORPORATED

ELECTRICAL

transmission, distribution, communication

EQUIPMENT

•

Sales Offices and Warehouses

870 TENNESSEE STREET
SAN FRANCISCO 7
ATwater 8-6900

427 W. FIFTH STREET
LOS ANGELES 13
MUtual 7245

1238 N.W. GLISAN STREET
PORTLAND 9
CApitol 8-4173

324 S. SECOND AVE.
PHOENIX, ARIZONA
ALpine 3-9595

306 DEXTER AVENUE
SEATTLE 9
SEneca 2368

LINCOLN LIGHTING PRODUCTS, INC., 4121 N. Rockwell St., Chicago, Ill.—George Stallman, 129 1st Ave. West No. 212, Seattle.

LINDBERG ENGINEERING CO., 2450 W. Hubbard St., Chicago, Ill.—Branch Offices: 11937 S. Regentview Ave., Downey, Calif., and 1485 Bayshore Blvd., San Francisco.; Blair Engineering Co., Denver 5; Western Factors Co., 2743 4th Ave. S., Seattle 4.; McGowan Co. Inc., 1206 S. Boyle Ave., Los Angeles 23.

LINDEMANN & HOVERSON CO., A. J., 601 West Cleveland Ave., Milwaukee, Wis. — Thermador Mfg. Co. (Distributor), 5119 District Blvd., Los Angeles; W. H. Gribble, District Sales Mgr., 520 Pacific Building, Oakland, Calif.; Glenn A. Erbes, District Sales Mgr., 1400 Horseshoe Curve, Oswego, Ore.; John R. Weber, Dist. Sales Mgr., 2415 24th North, Seattle 2; W. G. Cline, Representative, 1314 Wazee St., Denver 4; Lou Johnson, Inc., 1506 N.W. Irving, Portland and Rybar Distributors, 1315 N.W. Glisan, Portland. Sold thru leading distributors all cities.

LINE MATERIAL COMPANY (Div., McGraw Electric Co.), 700 West Michigan, Milwaukee 1, Wis.—Branch Offices: Paul K. Churchill, West Coast Div. Mgr., 6490 E. Fleet St., Los Angeles; 360 Shaw Road, South San Francisco; W. F. Smith, Mountain States Div. Mgr., S. 123 Madison St., Spokane; 1233 N.W. 12th Ave., Portland; 58 West Quartz St., Butte, Mont.; 1220 West Nickerson St., Seattle; 5075 Colorado Blvd., Denver; 309 Kearns Bldg., Salt Lake City; 102 First Ave., Anchorage, Alaska, Distributor: J. E. Redmond Supply Co., 625 West Madison St., Phoenix, Ariz.; 324-B Jefferson St. N.E., Albuquerque, N. M.

LINEMASTER SWITCH CORP., Woodstock, Conn.—Joseph D. Costello, 2107 Seventh Ave., Los Angeles.

LINTERN CORP., Rte 20 East, Painesville, Ohio — Gordon H Proffitt, 215 Market St., San Francisco.

LIPMAN DIVISION, Yates American Machine Co., Beloit, Ill.—Strange & Lagos, 3010 E. Olympic Blvd., Los Angeles 23.

LITECONTROL CORPORATION, 56 Pleasant St., Watertown, Mass.—Al C. Slater & Associates, 9011 15th Ave., N.E., Seattle.

LITECOR, INC., 2985 Cropsey Ave., Brooklyn 14, N. Y.—Frank H. Bran Co., 607 E. 6th St., Los Angeles; Curry Company, 736 18th Avenue, San Francisco; Bruce-Emmett Co., 830 S. Alder St., Portland.

LITECRAFT MFG. CORP., 6 East 36th St., New York City, N. Y.—Western Branch Office: Gruen Lighting Corp., 8236 W. 3rd St., Los Angeles 48; Oscar Hogenson, 95 Connecticut, Seattle; F. H. Adams, El Paso; Wm. J. Ashton, Rialto Bldg., San Francisco; Joseph Ray, 2150 South Clayton, Denver 10.

LITTELFUSE, INC., 1865 Miner St., Des Plaines, Ill.—Ash M. Wood, 11938 E. Garvey, El Monte, Calif.; Dave M. Lee, 2517 Second Ave., Seattle; McLoud & Raymond Co., 5528 E. Colfax Ave., Denver; Harry A. Moore Sales, Box 7245, Phoenix.

INDUSTRIAL ENGINEERING AND EQUIPMENT CORP.

417 So. Hill Street, Los Angeles 13
Phone Michigan 7794

REPRESENTING

A. B. CHANCE CO.—W. N. Matthews
Switching Equipment. Distribution protection devices.
PORCELAIN PRODUCTS, INC.
Insulators and hardware.
MALLEABLE IRON FITTINGS CO.
Pole line hardware specialties
ANDERSON BRASS WORKS, INC.
Connectors, outdoor bus supports and fittings.
Aluminum transmission and distribution hardware.
ALBERT & J. M. ANDERSON MFG. CO.
Heavy duty plugs and receptacles .
Battery charging equipment.
MILBANK MANUFACTURING CO.
Meter devices, test blocks and sockets.
ROYAL LIGHTING SALES, INC.
Little Mule hoists.

LOCAL STOCKS

LLOYD PRODUCTS CO., 225 Chapman St., Providence 5, R. I. —The Sanderlin Co., 201 S.E. Washington St., Portland, and 129 First Ave. W., Seattle.

LOCKE, Dept. of General Electric Co., P.O. Box 57, Baltimore, Md. —T. E. Traugott, Regional Mgr., 1229 Burlingame Ave., Burlingame, Calif.—J. J. Sweeney, Dist. Mgr., 9507 Santa Monica Blvd., Beverly Hills, Calif.; through General Electric Supply Corp., all principal cities.

LOCUST PIN CO., INC., Front Royal, Virginia — Maydwell & Hartzell, Inc., in following cities: 870 Tennessee St., San Francisco 3; 427 W. 5th St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; 306 Dexter Ave., Seattle 9; 324 So. Second Ave., Phoenix.

LOGANSPORT MACHINE CO. INC., 40 Payson Road, Logansport, Ind.—J. C. Fletcher, 1415 Folsom St., San Francisco; Frank C. Schumann, 425 First Trust Bldg., Pasadena.

LORD MFG. Co., 1635 W. 12th St., Erie, Pa.—7046 Hollywood Blvd., Los Angeles 28.

LOVELL MFG. CO., 1303 French St., Erie, Pa.—Electrical Appliance Service Corp., 726 W. Venice Blvd., Los Angeles; 1434 Howard St., San Francisco, and 302 17th St., Denver; W. L. May Co., 215 N.W. Park Ave., Portland; Appliance Parts & Service Co., 216 Stewart St., Seattle, and 609 W. Trent Ave., Spokane; Apex Sales & Service Co., 171 E. Broadway, Salt Lake City; Geo. S. Conley, 731 16th St., Denver; Ray Jones, 376 S. Broadway, Denver; Central Washer Service, 241 So. Central Ave., Phoenix, Ariz.

LOWELL INSULATED WIRE Div. The Overlakes Corp., 171 Lincoln St., Lowell, Mass.—Pacific Electricord Co., 3217 Exposition Place, Los Angeles 18; Maydwell & Hartzell, Inc., (Telephone Wire Only) 870 Tennessee St., San Francisco 3; 427 West 5th St., Los Angeles 13; 306 Dexter Ave., Seattle 9; 1238 N.W. Glisan St., Portland 9; 210 West Adams, Phoenix; Jack Pruzan Co., 109 Jackson St., Seattle 4.

LUCKY MFG. CORP., 18 Ames St., Cambridge 42, Mass.—J. H. Kay, 10531 S. Julius Ave., Downey, Calif.

LUMA ELECTRIC EQUIPMENT CO., 1607 Coining Drive, Toledo, Ohio—Garrett Supply, 3844 Santa Fe Ave., Los Angeles; Thomas L. Stevens Co., 5323 So. Sepulveda Blvd., Culver City, Calif.

LUMIDOR MFG. CO., INC., 4801 E. 50th St., Los Angeles, Calif.—Thru jobbers.

LUMENITE ELECTRONIC CO., 407 S. Dearborn St., Chicago 5, Ill.—Jensen Instrument Co., 1919 W. Beverly Blvd., Los Angeles and 420 Market St., San Francisco; Duncan Equipment Co., 506 Broadway, Seattle.

LUMINATOR, INC., 120 N Peoria, Chicago, Ill.—George W. Ledbetter Co., 15117 Ventura Blvd., Sherman Oaks, Calif.

LUMINOUS CEILINGS, INC., 2500 West North Ave., Chicago 47, Ill. —Joe E. Pearce, P.O. Box 796, Albuquerque; The Lightrend Co., 9011 Beverly Blvd. Los Angeles 48; John Lindsey, P.O. Box 8845, University Park Sta., Denver; Adrien Segel, 72 S. Main St., Salt Lake City; Charles H. Alden, Apt. 25, 80 Lynnewood Dr., Daly City, Calif.; John A. Schulter, 411 Weatherly Blvd., Portland; Robert E. Jones, 444 Dexter Horton Bldg., Seattle 4; Barney A. Hartley, P.O. Box 4381, Phoenix.

LUSTRA CORP. OF AMERICA, 36 Washington St., Brooklyn 1, New York—Victor N. Wadland, 1851 Louvaine Dr., Colma, Calif.; Glen W. Palmer, 2132 N. Brighton St., Burbank, Calif.; Glen H. Scott, 2471 N.E. 51, Portland; F. S. Killius, 312 W. Montecito Ave., Phoenix; George W. Vernon, 3536 E. Kathryn, Albuquerque.

LUX CLOCK MFG. CO., INC., 96 Johnson St., Waterbury, Conn.—Wm. Hersey, 4839 Louise Ave., Encino, Calif.

LUXO LAMP CORP., 464 Bryant St., San Francisco—M. Begen Company, 464 Bryant St., San Francisco.

LYNCH CARRIER SYSTEMS, INC., 695 Bryant St., San Francisco, Calif.—Graybar Electric Co., Inc. All Cities.

LYON METAL PRODUCTS, INC., Aurora, Ill.—Branch Offices: 3650 Union Pacific Ave., Los Angeles 23; P.O. Box 3096, Rincon Annex, San Francisco 2; 1755 Utah Ave., Seattle 4; P.O. Box 3797, Portland 11; 1314 Wood St., Dallas 1; P.O. Box 1896, Oakland; 1004 E. Missouri St., El Paso; 5545 North Kay Dr., Phoenix.

McCABE POWERS AUTO BODY CO., 5900 North Broadway, St. Louis, Mo.—A. J. Macho, Western Regional Mgr., 625 Cedar St., Berkeley, Calif.; The Win Ward Co., 962 Price St., Pomona, Calif.; Utility Trailer & Equip. Co., 3400 Sixth Ave. South, Seattle 4; Pacific Body Builders, Inc., 1812 Northeast Grand, Portland; The Lang Co. Inc., First South & Second West, Salt Lake City; American Machine Co., 1026 W. Broadway, Spokane.

McCALL'S DESERT-AIR LAMPS, 5449 Sunset Blvd., Los Angeles, Calif. — Sold through appliance, department and drug stores in all principal cities.

McCOLPIN-CHRISTIE CORP., 3410 W. 67th St., Los Angeles—R. E. Sanderson, 221 11th St., San Francisco 3.

McCORMICK & BAXTER CREOSOTING CO., Board of Trade Building, Portland, Ore.—Branch Offices: 485 California St., San Francisco; 6214 W. Manchester Ave., Los Angeles.

McCULLOCH MOTORS CORP., 6101 W. Century Blvd., Los Angeles, Calif. — Kellogg Co., 1099 Folsom St., San Francisco; Tri-State Equip. Co., Inc., 131 Kalamath St., Denver; Northwest Loggers Supply, 310 S.E. Stephens St., Portland; Pacific Equip., Inc., 1001 Jackson St., Seattle; Far West Equip., 2117 No. Division St., Spokane; Foster Power Saw Co., 4190 Highway 99, So., Eugene; So. Oregon Equip., 3540 No. Pacific Highway, Medford; McCulloch Chain Saw Sales and Service, Highway 99 No., Roseburg and Coos Bay, Ore.; Bend Chain Saw Service, Bend, Ore.; Riley Logging Supply, Eureka, Calif.; Leavitt Power Tool Co., 2305 J St., Sacramento, Calif.; Cascade Power Tool Co., 1403 Fruitvale Ave., Yakima, Wash.

McDONNELL & MILLER, INC., 3504 N. Spaulding Ave., Chicago 18, Ill.—Branch Office: Los Angeles, Calif.

McFARLAND CO., L. D., Box 390, Sandpoint, Idaho—Branch Office: Eugene, Ore.

McGILL MFG. CO., INC., Valparaiso, Ind.—George A. Gray Co., 2720 17th St., San Francisco 10; J. G. Pomeroy Co., 1004 E. 4th St., Los Angeles 13; Frank A. Strohecker, 2207 1st Ave. So., Seattle 4.

McGRAW ELECTRIC COMPANY, Clark Division, 5201 West 65th St., Chicago, Ill. — Representatives: O. B. Wilt Co., 1355 Market St., San Francisco; Mel Pearson & Co., 1011 South Josephine St., Denver. Distributors: Hassco, Inc., 745-61 Wasee St., Denver; Standard Supply Co., 225 E. 6th St. South, Salt Lake City; D. N. Latus & Co., 1531 National Ave., Helena, Mont.; N. O. Nelson Co., 118-22 E. River St., Pueblo, Colo.; D. M. Distributors, 1232 Kona St., Honolulu, T. H.

McGRAW ELECTRIC CO., 1200 St. Charles Rd., Elgin, Ill.—Toastmaster Products Div. and Manning Bowman Div.—W. P. Moore, Div. Mgr., 1285 S. LaBrea Ave., Los Angeles 19; J. M. McLaughlin, 6215 52nd N.E., Seattle 5; W. W. Hoban, 657 Mission St., Rm. 504, San Francisco 5; E. D. Yates, 8413 Wheatland Ave., Sun Valley, Calif.

McKINLEY MOCKENHAUPT CO., 626 West Jackson Blvd., Chicago (See Ben P. McKinley Co.)

McKINLEY CO., BEN P., 626 West Jackson Blvd., Chicago, Ill.—C. W. Boswell, 1139 Mission St., San Francisco; J. R. Christensen Agency, 247 East 5th South, Salt Lake City 2; The Sanderlin Co., 129-31 First Ave. W., Seattle.

McPHILBEN MFG. CO. INC., 1329 Willoughby Ave., Brooklyn, New York—Humber & Walker, 1485 Bayshore Blvd., San Francisco; Carl A. Peterson, 782 E. 14th Pl., Los Angeles; Wm. Benndorf Co., P. O. Box 1926, Phoenix; The Darger Co., 211 S. Second St., Salt Lake City; Gregg N. Cloos, 978 Garfield St., Denver.

MB MFG CO. INC., 1100 State St., New Haven 11, Conn. — Pacific Scientific Co., 25 Stillman St., San Francisco 7, 1430 Grande Vista Ave., Los Angeles 23, 1915 1st Ave. South, Seattle 4, Terminal Sales Bldg., Portland 5

MacARTHUR PRODUCTS, INC., 34 Front St., Indian Orchard, Mass. — Continental Vogue Luggage Co., 585 Howard St., San Francisco.

MACALLEN CO., Bay Road, Newmarket, N. H.—C. D. La Moree, 2221 Fourth St., Berkeley; 1325 San Julian St., Los Angeles 15; 317 N.W. Broadway, Portland; 166 Jackson, Seattle.

MACBETH DAYLIGHTING CORPORATION, P.O. Box 950, Newburgh, N. Y.—Laboratory Equip. Co., 118 11th St., San Francisco; Mole-Richardson, 937 N. Sycamore Ave., Hollywood 38, and J. B. MacAlister Co., 1117 N. McCadden Pl., Hollywood; Braun-Knecht-Heimann Co., 1400 16th St., San Francisco; Denver Fire Clay Co., P. O. Box 5510, Denver 17; Scientific Supplies Co., 122 Jackson St., Seattle; E. S. Brown Co., 2321 Yates St., Los Angeles 22 and 1515 Third St., San Francisco.

MACK ELECTRIC DEVICES, INC., 33 Glenside Ave., Wyncote, Pa.—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles 16; 61 Renato Ct., Redwood City; 909 N. 1st St., Phoenix.

MAGNAVOX, Bueter Road, Fort Wayne, Ind.—L. H. Bushnell, and E. N. Lucas, 1355 Market St., San Francisco; Elwood Reeves, Tom P. Garvin, and J. P. Bauer, 2424 E. 8th St., Los Angeles 13; R. E. Cederoth, 6224 S. E. 31st Ave., Portland.

MAGNETIC AMPLIFIERS, INC., 632 Tinton Ave., New York City 55—Joe Davidson & Associates, 2803 Los Flores Blvd., Lynwood, Calif.

MAGNETIC ENGINEERING & MFG. CO., 851 Van Houten Ave., Clifton, N. J.—Irving R. Gard & Co., Lowman Bldg., Seattle 4, Wash.; Mine & Smelter Supply Co., 1422 17th St., Denver 17, 121 West 2nd St. S., Salt Lake City, and 1515 11th St., El Paso; C. D. Sutton & Associates, 3846 Wilshire Blvd., Los Angeles.

MAGNETROL, INC., 2110 S. Marshall Blvd., Chicago 23, Ill.—Berkley Eng. & Equipment Co., 2439 Riverside Dr., Los Angeles, and Phoenix; Johnson Eng. Co., 534 20th St., Oakland; The Burhane-Sharpe Co., 1743 First Ave. South, Seattle 4; Landes, Zachary & Peterson, 2500 W. 7th Ave., Denver, 106 Amherst Dr., N.E., Albuquerque, 153½ West Second South St., Salt Lake City; 312 E. Missouri St., El Paso; 2421 East 4th St., Casper, Wyo., and 2701 So. Hiway 50, Grand Junction, Colo.

MAGNI FLOOD, INC., 38 North Second Ave., Mt. Vernon, N. Y.—Fred D. Benz Co., 444 Brannan St., San Francisco; Richard Green, 923 E. 3rd St., Los Angeles 13, Calif.; Wm. Benndorf Co., P. O. Box 1926, Phoenix; J. R. Penning, 2323 Second Ave., Seattle.

MAGNI-LITE, INC., 38 N. 2nd Ave., Mt. Vernon, N. Y.—J. R. Penning, 2323 2nd Ave., Seattle 1. Electri-Cal, 5455 Hollywood Blvd., Los Angeles; Wm. Benndorf Co., P.O. Box 1926, Phoenix; Stevens Sales Co., P.O. Box 2338, Salt Lake City.

MAGTROL, INC., 38 Virginia Pl., Buffalo, N. Y.—Joe Davidson & Associates, 2803 Los Flores Blvd., Lynwood, Calif.

MAJESTIC MFG. CO., 4550 Gustine Ave., St. Louis, Mo.—Washington Stove Works, Everett, Wash.

MAJESTIC RADIO & TELEVISION, Div. of Wilcox-Gay Corp., 70 Washington St., Brooklyn 1, N. Y.—Branch Office: 2772 W. Olympic Blvd., Los Angeles; F. B. Connelly Co., 905 N.W. 12th Ave., Portland and 1015 Republic St., Seattle.

MAJOR EQUIPMENT CO., 4608 W. Fullerton Ave., Chicago, Ill.—E. B. Cook Co., 1063 Howard St., San Francisco; Wm. Benndorf, 401 W. Jackson, Phoenix.

MAKOMB STEEL PROD. Div. Globe American Corp., N. Dudley, Macomb, Ill.—Chas. H. Lilly Co., Spokane; Monroe Dairy Machinery, Inc., Spokane; Duthin Seed Co., Lewiston; Cascade Supply Co., Portland; Polson Impl. Co., Seattle.

MALLEABLE IRON FITTINGS CO., Branford, Conn. — Wm. J. Cottrell Co., 4000 Avenue, Portland 1,; Industrial Engineering & Equipment Corp., 720 Subway Terminal Bldg., Los Angeles 13; Waltham, DeWitt & Krusi, 630 Monadnock Bldg., San Francisco 5.

MALLORY & CO., INC., P. R., 3029 E. Washington, Indianapolis, Ind.—Branch Office: 1338 S. Lorena St., Los Angeles 23; Hodges & Glomb, 1264 Folsom St., San Francisco; Don H. Burcham, P. O. Box 4098, Portland; A. T. Nelson, P. O. Box 5502, Denver.

MANHEIM MFG. & BELING CO., 315 Stiegel St., Manheim Pa.—A. W. Nash, 2112 S. Atlantic Blvd., Los Angeles; E. D. Samson, 420 Market St., San Francisco; T. T. Watson, 508 5th Ave. So., Seattle.

MANNING, BOWMAN DIV., McGraw Electric Co., Elgin, Ill.—(Listed under McGraw Electric Co.)

MANNING PAPER CO., INC., JOHN A., Troy, N. Y.—Insulation & Wires, Inc., in following cities: 6415 East Fleet St., Los Angeles; 1077 Howard St., San Francisco, and 525 North Tillamook, Portland.

MARATHON ELECTRIC MFG. CORP., West Riverside, Wausau, Wis.—Branch office: 1000 S. 4th Ave., Seattle 4; Westco Pump Sales Co., 2315 E. 8th St., Los Angeles and 85 Industrial St., San Francisco; H. H. Van Luven, 120 S. Hewitt, Los Angeles; H. D. Campbell & Associates, 501 Jones Bldg., Seattle.

MARCO INDUSTRIES CO., 207 So. Helena, Anaheim, Calif.—Ron Merritt Co., 120 West Thomas St., Seattle 99.

MARCUS TRANSFORMER CO., INC., Rahway, New Jersey—Pacific Industries, 8255 Beverly Blvd., Los Angeles; E. B. Cook, 1063 Howard St., San Francisco; Standard Electric Sales, 1731 1st Ave. South, Seattle.

MARION ELEC'L MFG. CO., 24 Cliff St., Jersey City, N. J.—J. J. Perlmuth-Colman & Associates, 942 Maple Ave., Los Angeles; 420 Market St., San Francisco; George D. Norris, 2601 Second Ave., Seattle 1.

MARION ELECTRICAL INSTRUMENT CO., 400 Canal St., Manchester, N. H.—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles 16, 909 N. First, Phoenix, 988 Market St., San Francisco; Samuel Stroum, 1612 Broadway, Seattle.

MARKEL ELECTRIC PRODUCTS, INC., 145 Seneca St., Buffalo, N. Y.—O. W. Coombs, 1026 S. Olive St., Los Angeles 15; Wm. Benndorf, P. O. Box 1926, Phoenix; Pacific Electric Sales Co., 140 S.E. 28 Ave., Portland 14; D. H. Sluman & Co., P. O. Box 7528, 1601 Glen Bar Drive, Lakewood, Colo.

MARKSTONE MFG. CO., 2460 West George St., Chicago, Ill.—C. J. Gratiot & Sons, 1282 Folsom St., San Francisco and Roy F. Gratiot Co., 525 Crocker St., Los Angeles.

MARLEY COMPANY, INC., 202 W. Gregory Blvd., Kansas City 5, Mo. — Branch Offices: 810 S. Spring St., Los Angeles 14 and 420 Market St., San Francisco; Arthur Forsyth Co., 2800 15th Ave., West, Seattle; Pace-Turpin Co., 726 S. Third West, Salt Lake City; J. E. Redmond Supply Co., 625 West Madison St., Phoenix, The Henk Thurstin Co., 475 Acoma St., Denver.

MARLUN MFG. CO., INC., 60-06 37th Ave., Woodside 77, N. Y.—Joe Stutz, 401 S. Camden Drive, Beverly Hills, Calif.

MARMON-HERRINGTON COMPANY, 1511 W. Washington St., Indianapolis, Ind.—Branch Office: 266 Lenox Ave., Oakland, Calif., Mr. Paul Bliss, District Manager. Sold through leading distributors.

MARTIN-DECKER CORP., 3431 Cherry Ave., Long Beach, Calif.

MARTIN ELECTRIC PRODUCTS, INC., 346 Somerville Ave., Somerville, Mass.—Now called Marlux Corp. All inquiries to factory.

MARTIN & SONS, H. P., 801 W. 12th St., Owensboro, Ky.—General Electric Supply, Westinghouse Electric Supply and Graybar Electric Co., Inc., all principal cities.

MARTIN STAMPING & STOVE CO., Huntsville, Ala.—O. B. Wilt Co., 1355 Market St., San Francisco.

MARTINDALE ELECTRIC CO., Box 617 Edgewater Branch, Cleveland, Ohio—Fletcher Elec'l Specialty Co., 4150 S. Main St., Los Angeles 37; Tri-State Supply Co., 554 Bryant St., San Francisco 7, 318 Occidental Ave., Seattle and 544 S. San Pedro St., Los Angeles 13.

E. B. COOK COMPANY

1063 Howard Street, San Francisco 3, California

Phone UNderhill 1-2621

A. P. Seedorff & Co., Inc.—Resistance Welding Equipment, Graham Stud Welders, Rees-Welding Cables

Marcus Transformer Co.—Dry Type Class B & C Insulation Oil & Askarel Immersed

Richardson-Allen—Electrical Rectifiers

Hart Manufacturing Co.—Diamond H Switches

Major Equipment Co.—Theatre Lighting Equipment

Quality Glass Co.—Glass inclosing bowls & I.E.S. type shades

Morse Eureka Sockets—Bayonet type lamp sockets, cord connectors, lamp socket adapters

MARVEL LAMP COMPANY, 307 Newark St., Hoboken, N. J.—Peerless Electric Supply Co., San Francisco.

MARVIN MFG. CO., 3071 E. 12th St., Los Angeles, Calif.—Branch office, 50 Hawthorne St., San Francisco; Pete Bach, 1233 N.W. 12th Ave., Portland; L. S. Reed & Co., 1018 Lawrence St., Denver 4; Rex Williams & Sons, 333 L St., Salt Lake City.

MASSEY INC., A. H., 111 Third St., Derby, Conn.—Eckert Lloyd Co., 1225 6th St., San Francisco, 2115 S. San Pedro, Los Angeles.

MASTER ELECTRIC CO., 126 Davis Ave., Dayton 1, Ohio—Branch Offices: 270 7th St., San Francisco 3; 1539 Grande Vista Ave., Los Angeles 23; 1479 South Main St., Salt Lake City; 5545 North Kay Drive, Phoenix, and 1028 Champa St., Denver 4; Star Machinery Co., 241 Lander St., Seattle 4 and E. 415 Sprague Ave., Spokane 8.

MASTER VIBRATOR CO., 108 Davis, Dayton, Ohio—State Tractor & Equipment Co., 407 S. 17th Ave., Phoenix, Arizona, and 3525 East Speedway, Tucson, Arizona; C. P. Concrete Equipment Co., 626 S. Isis, Inglewood, California, and 1100 Sixth Avenue, Oakland, California; Power Equipment Co., 3440 Brighton Blvd., Denver, Colorado; Andrews Equipment Service of Washington, Inc., 126 S. Walnut St., Spokane, Washington; Western Equipment Co., 4009 Fairview Ave., Boise, Idaho, and P. O. Box 96, Idaho Falls, Idaho; Western Construction Equipment Co., 505 North 24th St., Billings, Montana, and Stephens & Mount Avenue, Missoula, Montana; Foulger Equipment Co., 1361 S. 2nd West, Salt Lake City, Utah; Sierra Machinery Co., 307 Morrill Avenue, Reno, Nevada; R. L. Harrison Co., Inc., 1801 N. 4th St., Albuquerque, New Mexico; Nelson Equipment Co., 5251 S. E. McLoughlin Blvd., Portland, and 3706 Airport Way, Seattle.

MATTHEWS CORP., W. N., 3850 Dolor, St. Louis 16, Mo. — (See A. B. Chanes Co.)

MATTOX MACHINE CO., 11915 E. Bonwood Rd., El Monte, Calif. —Gough Industries, Inc., 819 E. 1st St., Los Angeles 54; Electrical Contractors Supply, 4701 W. Jefferson Blvd., Los Angeles 16; Gilbert Bros., 826 S.W. 2nd Ave., Portland 4.

MAXSON CORP., THE W. L., Unimax Switch Div., 460 W. 34th St., New York City 1, N.Y.—Don H. Burcham Co., 917 S. W. Oak St., Portland 5; W. Clif McLoud & Co., 5528 E. Colfax Ave., Denver; Nickerson & Rudat, 383 Brannan St., San Francisco; M. A. Stolaroff, 4614 Northridge Dr., Los Angeles; Southwestern Eng. & Equip., 3906 Lemmon Ave., Dallas.

MAYTAG CO., Newton, Iowa—Maytag West Coast Co., 1225 W. 9th St., Los Angeles; Maytag Northwest Co., 1136 N.W. Hoyt, Portland; Maytag Rocky Mountain Co., P. O. Box 1579, Colorado Springs, Colo.; Maytag Southwestern Co., 111 Leslie St., Dallas; Maytag West Coast Co., 51 Webster St., Oakland 7, Calif.

MEAKER CO., 1629 S. 55th Ave., Chicago, Ill.—E. A. Wilcox Co., 277 7th St., San Francisco, 3, 406 S. Main St., Los Angeles 13 and Artic Bldg., Seattle 4.

MECHANICAL PRODUCTS, INC., 1824 River St., Jackson, Mich.—Robert Arthur, 420 Market St., San Francisco; Agencies Company, 836 Traction Ave., Los Angeles.

MECK INDUSTRIES, INC., JOHN, Liberty & Pennsylvania Sts., Plymouth, Ind.— Detsch & Co., 341 10th St., San Francisco.

MEDART PRODUCTS CO. INC., FRED, 3548 DeKalb St., St. Louis 18, Mo.—Paramore-Baier, 146 S. Robertson, Los Angeles 48.

MEIER ELECTRIC AND MACHINE CO. INC., 3525 E. Washington St., Indianapolis, Ind.—O. B. Wilt Co., 1355 Market St., San Francisco and 9006 S. Menlo Ave., Los Angeles 44.

MEIERJOHN-WENGIER CO., 1102 W. 9th, Cincinnati, Ohio.—Barry Sales Agency, 923 E. Third St., Los Angeles 13; Wm. Weston & Co., 1301 47th Ave., San Francisco.

MELETRON CORP., 960 N. Highland Ave., Los Angeles, Calif.—Ralph B. Lundy, 1063 Howard St., San Francisco.

MELL-O-CHIME & SIGNAL CORP., 119 S. Jefferson St., Chicago 6, Ill.—J. C. Coulson, 449 W. Jackson St., Phoenix; E. Holloway Co., 333 Jersey St., Denver 7; McMillen-Stanley Sales Corp., 778 Natoma St., San Francisco; NuRo Company, 301 Southland Life Bldg., Dallas 1, P. O. Box 4526, Houston, and 414 Houston Bldg., San Antonio.

MEMCO ENGINEERING & MFG. CO., INC., Commack, Long Island, New York—D. T. Elliott, 420 Market St., San Francisco; Ken H. Best, 541 First Ave. South, Seattle.

MEPHISTO TOOL CO. INC., Box 16, Hudson Ave., Hudson, N.Y.—J. G. Pomeroy Co., 1004 E. Fourth St., Los Angeles.

MEND-IT-SLEEVE MFG. CO., 136 Bonita Ave., Piedmont 11, Calif.—Sold direct by manufacturers and thru distributors.

MERCOID CORPORATION, 4201 Belmont Ave., Chicago 41, Ill.—Jensen Instrument Co., 1919 W. Beverly Blvd., Los Angeles, and 420 Market St., San Francisco; J. M. Warner Co., 200 W. 48th, Denver; Stevens Sales Co., 1482 Major St., Salt Lake City; Heating Assurance, Inc., Spokane; Clowe & Cowan, Amarillo; Southland Supply, Dallas; Industrial Equipment Co. of Houston, Houston; F. H. Langdon Co., Seattle; George S. Thomson Co., El Paso; George R. Folds, Jr., 1364 Rudgear Rd., Walnut Creek, Calif.; Johnson Heating Supply Co., 232 N.E. 9th Ave., Portland 14.

MERCURY ELECTRIC CORP., 719 Wyandotte, Kansas City, Mo.—John Hedges, 2210 E. St. Paul, Denver.

MERCURY ELECTRIC CO., 80 Irving Place, New York City—Schueler & Weston, 923 E. 3rd, Los Angeles; L. M. Baxter Co., 1220 S.W. Stark St., Portland and 1006 Lowman Bldg., Seattle.

MERCURY TELE. & RADIO CORP., 1241 S. Hill St., Los Angeles, Calif.—N. C. Teakle Co., Inc., 512 2nd St., San Francisco; Frank Sampieri, 246 So. 1st St., Phoenix; The Grauman Co., 1200 Lawrence St., Denver; Intermountain Distrubutors, 450 Main St., Salt Lake City; Keyco, Inc., 309 8th Ave., N., Seattle, 121 S. Monroe St., Spokane and 122 N. W. 12th Ave., Portland; Roy A. Kertson, 2929 Meade Ave., San Diego.

MERIT COIL & TRANSFORMER CORP., 4427 N. Clark St., Chicago, Ill.—Herb Becker, 1140 Crenshaw Bldg., Los Angeles; Nickerson & Rudat, 383 Brannan St., San Francisco.

MERIT-MADE, INC., 23 Franklin St., Buffalo 9, New York—G. R. Schumann Co., 467 Phelan Bldg., 760 Market St., San Francisco 2.

MERKLE KORFF GEAR CO., 213 N. Morgan St., Chicago, Ill.—Kaelin Electric Co., 1412 Los Angeles St., Los Angeles.

MERWIN MFG. CO., Erie Pa.—W. Weston & Co., 1301 47th Ave., San Francisco.

METALECTRIC, INC., 18 East 54th St., New York City, N. Y.—Robert R. Prussia, 524 2nd St., San Francisco 3; John P. Brill, 1216 Justin Ave., P. O. Box 1542, Glendale, Calif.; J. H. Kay, 10531 S. Julius, Downey, Calif.

METAL WARE CORP., 1700 Monroe St., Two Rivers, Wis.—Frank Guziel, 1623 Ard Elvin Ave., Glendale 2, Calif.; Harley Cook, 1355 Market St., San Francisco.

METALS & CONTROLS CORP., Spencer Thermostat Div., 34 Forest St., Attleboro, Mass. — F. H. Appleton, 4169 Chevy Chase Dr., Pasadena; H. R. Maine, North-Cliffe Apts., Seattle.

METER DEVICES CO., 1001 Prospect Ave., S.W., Canton 6, Ohio.—Western representatives: Fred W. Carlson, 1291 Dexter Ave., Seattle 9; J. G. Corrin, 510 W. Sixth St., Los Angeles 14; Hamilton & Associates, 1236 Elati, Denver; Knopp, Inc., 4224 Holden St., Oakland, Calif.; Elec. Mfg's. Rep. Inc., P. O. Box 1512, Albuquerque.

METRON INSTRUMENT CO., 432 Lincoln St., Denver, Colo.—Dick Porder, 432 Lincoln St., Denver; Bill Kraemer, 18425 Sylvan St., Pasadena, Calif.

METROPOLITAN ELECTRIC MFG. CO., 2250 Steinway St., Long Island City, N. Y.—Keeler, White Co., 615 Seventh St., San Francisco, and in following cities: 456 Colyton St., Los Angeles; 302 N.W. Fourth Ave., Portland; 1041 Sixth Ave. S., Seattle; S. 121 Madison St., Spokane; Colorado Western Sales, 1033 Bannock St., Denver.

METZGAR CONVEYOR CO., 412 Douglas N.W., Grand Rapids, Mich.—F. E. Bennett, 426 N.W. 6th St., Portland; Standard Cycle & Supply Co., 1811 E. Sprague Ave., Spokane; Materials Handling Equip. Co., 2963 1st St., Seattle 4; Northwest Wholesale, Inc., Wenatchee, Wash.; Shipping Room Supply Co., 1547 Estudillo Ave., Los Angeles; Edward M. Vallejo, 3907 Lyon Ave., Oakland; Keville Ind. Service, 1590 Ganesha Pl., Pomona, Calif.

MEYERS SAFETY SWITCH CO., INC., 423 Tehama St., San Francisco 3, Calif. (See adv page 40.)

MEYERS

Enclosed Safety Switches
Switchboard—Panelboards
Electrical Sheetmetal Products

Meyers Safety Switch Co. Inc.
423 Tehama St. San Francisco 3

MEYNELL MFG. CO., 2313 W. 20th St., Erie, Pa.—John Price & Associates, 2402 N. Seaman, El Monte, Calif.; Oliver Agencies, 704 3rd Ave., Seattle; Donald Tiller, 135 Palisades Ave., Santa Monica, Calif.

MICA INSULATOR CO., 799 Broadway, Schenectady 1, N. Y.—Western Fiberglas Supply, 3049 E. 12th St., Los Angeles 15, 739 Bryant St., San Francisco and 1915 First Ave. S., Seattle 4.

MICAMOLD RADIO CORP., 1087 Flushing Ave., Brooklyn, N.Y.—Eichorn & Melchior, 749 Bryant St., San Francisco; M. K. Widdekind Co., 216 1st Ave. N., Seattle 9; Barron-Jur Co., P. O. Box 653, Encino, Calif.

MICHAEL ELECTRIC CO., 15 Stiles So., New Haven, Conn.—Pete Bach Elec., 1233 N.W. 12th, Portland.

MICHIGAN OVEN CO., 415 Brainard St., Detroit, Mich.—E. A. Wilcox Co., 277 Seventh St., San Francisco; 2202 S. Atlantic Blvd., Los Angeles and 913 Arctic Bldg., Seattle; F. E. Blair, 2144 Welton St., Denver.

MICRO SWITCH, Freeport, Ill.—Branch office: 1709 W. 8th St., Los Angeles; 1136 Howard St., San Francisco 3.

MICROTRON CO., 84-11 Beach Blvd., New York City—Frank Lebell Co., 195 Second St., San Francisco; Perlmuth Colman, 2419 So. Grand Ave., Los Angeles; Tubergen Associates, 2232 W. 11th St., Los Angeles; Fred H. Haight Co., 3212 Eastlake Ave., Seattle.

MIDGET HEATER & SPECIALTY CO., 2801 Pacific Ave., Tacoma, Wash.—Wm. O. Weston Co., 1301 47th Ave., San Francisco.

MID - WEST CHANDELIER CO., 15th and Gentry, No. Kansas City, Mo.—Joe Blonder, 1133 N.W. 19th Ave., Portland; R. L. Lamberth, 320 Judah St., San Francisco; Merwyn Altfeld, 3500 Bentley Ave., Los Angeles.

MIDWEST ELECTRIC PRODUCTS CO., INC., 1515 N. Front St., Mankoto, Minn. — James L. Kearns, 6055 N.E. Glisan St., Portland; Walter W. Corman, 7432 W. 80th St., Los Angeles 45, Calif.

MIDWEST ELECTRIC MFG. CO., 1639 W. Walnut St., Chicago 12, Ill.—A. Allen Smith, 1513 Mateo St., Los Angeles; Kenneth B. Schumann, 1073 Galapago St., Denver; D. O. Harvey, 246 No. Main, Bountiful, Utah.

MIDWEST MFG. CO., Muncie, Ind.—Wm. O. Weston, 1301 47th Ave., San Francisco.

MILBANK MFG. CO., 411 W. 10th St., Kansas City, Mo.—Industrial Eng. & Equipment Corp., Subway Terminal Bldg., Los Angeles; J. W. Watkins, Skinner Bldg., Seattle.

MILLER CLOCK CO., HOWARD, Washington St., Zeeland, Mich.—Harry Friedland, 200 San Miguel, Pasadena; Caroll Sagar Associates, 8833 Beverly Blvd., Los Angeles, Calif.; Elec. Supply, Folsom at 12th, San Francisco.

MILLER ELECTRIC CO., 120 Main St., Pawtucket, R. I.—J. M. Chapman, 290 9th St., San Francisco; Oscar Hogenson, 95 Connecticut St., Seattle.

MILLER CO., 99 Center St., Meriden, Conn.—R. C. English, 3814 N. E. Wasco St., Portland 13; E. J. Inhof, P. O. Box 832, Sherman Oaks, Calif.; S. Babcock, 2342 Franklin St., San Francisco; H. D. Lang, P. O. Box 427, Arvada, Colo., and J. C. Maceracken, 5445 N. Kay Dr., Phoenix.

MILLER ELECTRIC MFG. CO., 718 South Bounds St., Appleton, Wis.—J. E. Vosburgh, 11873 Hercules St., Norwalk, Calif.; E. W. Connor, 4760 N. Harvard St., Portland.

MILLER EQUIPMENT CO., INC., 13th and New Streets, Franklin, Pa.—J. E. Haseltine & Co., S.W. 2nd Ave. and Ash St., Portland; Universal Safety & Fire Equip. Co., 727 S.W. Temple St., Salt Lake City; E. D. Bullard Co., 275 8th St., San Francisco.

MILLER & ASSOCIATES, INC., JOHN W., 203 N. Wabash Ave., Chicago, Ill.—F. M. Nicholas Co., 714 Harrison St., San Francisco; Kenneth Anderson Co., 412 Seaton St., Los Angeles; Keeler, White Co., 1041 Sixth Ave. S., Seattle; Peyser and Co., 1501 N. Weber St., Colorado Springs, Colo.

MILLER TOOL & MFG. CO. INC., K., 8 Cass St., Springfield 4, Mass.—J. H. Kay, 10531 S. Julius Ave., Downey, Calif.

MILL-ROSE CO., 1983 E. 59th St., Cleveland, Ohio — Ed Siegert Agency, 326 Builders Exchange Bldg., Portland.

MILO MFG. CO., 2255 Bush St., San Francisco, Calif.

MILWAUKEE ELECTRIC TOOL CORP., 5316 W. State St., Milwaukee 8, Wis.—Dirks & Co., 116 N.W. 14th Ave., Portland. Branch: 2569 W. Olympic Blvd., Los Angeles; Jordan Sales, 1007 Grand Ave., Phoenix; Leonard P. Davis, Box 202, Kittridge, Colo. R. L. Jones, 574 Eddy St., San Francisco.

MIMAR PRODUCTS, INC., 144 Spencer St., Brooklyn, N. Y.—Mimar Products, Inc., El Monte, Calif.; M. H. Klinger Co., 158 W. Pico Blvd., Los Angeles, 440 Golden Gate Ave., San Francisco; 1016 1st Ave. So., Seattle; 1230 Bellaire St., Denver.

MINERALLAC ELECTRIC CO., 25 N. Peoria St., Chicago, Ill.—George E. Honn Co., 420 Market St., San Francisco; F. J. Airey Co., 1513 S. Mateo, Los Angeles; Jack Ogle, 105 Orcas St., Seattle; H. C. Guire Co., 715 S. York St., Denver 9.

MINERS FOUNDRY & MFG. CO., Spring St., Nevada City, Calif.—Healthmaster Div. Spring St., Nevada City, Calif.

MINNEAPOLIS - HONEYWELL REGULATOR CO., Industrial Div., Wayne & Windeim Aves., Philadelphia, Pa. — Branch Offices: 1136 Howard St., San Francisco 3; 2840 E. Olympic Blvd., Los Angeles 23; 1600 W. 13th Ave., Denver 4, Colo.; 22 W. Madison, Phoenix; 1472 South State St., Salt Lake City; 623 Yale Blvd., Albuquerque; 104 S.E. 7th, Portland; 430 8th Ave. N., Seattle; 917 W. Mallon, Spokane.

MINNESOTA MINING & MFG. CO., 900 Fauquier Ave., St. Paul 6, Minn.— Branch Offices: M. D. Benson, West Coast Sales Mgr., 6411 Randolph St., Los Angeles 54; J. T. Evans, Sales Manager, 320 Shaw Road, South San Francisco; 3633 First Ave., So., Seattle; 3347 N.E. Siskiyou, Portland; 1545 So. 7th E., Salt Lake City; E. 317 La Crosso, Spokane.

MIROFLECTOR CO. INC., 148 19th St., Brooklyn 32, N. Y.—Fred D. Benz, 444 Brannan St., San Francisco; J. G. Pomeroy Co., 1004 E. 4th St., Los Angeles.

MISENER MFG. CO., INC., 202 Walton St., Syracuse, N. Y.—Claude Michael Agency, 703 W. Ivy St., Glendale 4, Calif.; F. R. Elsner, 842 S. York St., Denver.

MITCHELL INDUSTRIES, INC., Box 17, Mineral Wells, Texas—R. E. Osborne, 1046 S. Park View, Los Angeles; Frank Wedel Co., 3215 Western Ave., Seattle; Gordon Moss, P. O. Box 428, Greeley, Colo.

MITCHELL MFG. CO., 2525 Clybourn Ave., Chicago, Ill.—John H. Maddox, 420 Market St., San Francisco; John H. Maddox, Jr., 912½ E. 3rd St., Los Angeles 13; F. Yudelson, 3142 Wilshire Blvd., Los Angeles; Ben T. Clark, 1421 Court Place, Denver; August H. Jaeger, 1906 Bigelow Ave., Seattle 9.

MIXING EQUIMENT CO., INC., 135 Mt. Read Blvd., Rochester, N. Y.—Frank J. Bunker, 1088 S. La Brea Ave., Los Angeles; George R. Friederich Co., 725 Tehama St., San Francisco; Barrett and Yost, 5600 14th Ave. N.W., Seattle; Nibley & Co., Salt Lake City; Alldredge & McCabe, 847 E. 17th Ave., Denver 18.

MOBILIFT CORP., 835 Southeast Main St., Portland 14, Ore.—G. A. Belford, 2730 San Pablo Ave., Oakland, Calif.

MODERNHEAT CABLE CORP., Box 575, Kingsport, Tenn.—Wm. O. Proby & Associates, 522 1st Ave. So., Seattle, and 1308 N.W. Everett, Portland.

MODERN WATER EQUIPMENT CO., Rte. 64 & E. J. & E. R. R., West Chicago, Ill. — Alexander Garaway, 8441 Melrose Ave., Los Angeles 46; O. B. Wilt Co., 1355 Market St., San Francisco 3.

MOE-BRIDGES CORP., 1415 Illinois Ave., Sheboygan, Wis.—H. George Shefler, P. O. Box 1587, Phoenix; D. A. Steinkamp Co., 936 St. Paul St., Denver.

MOE LIGHT, Div. Thomas Industries, Inc., 410 S. Third St., Louisville, Ky.—Donald Gleason, 657 E. 45th St., Seattle; A. O. Grotenhuis, 1042 Manley Dr., San Gabriel, Calif.; Jerry D. Long, P. O. Box 51, Corona del Mar, Calif.; W. Terrence Tilley, 1425 Pontiac, Denver; Kenneth D. Cummings, 983 Costly St., San Leandro, Calif.

MOELLER INSTRUMENT CO., 132 89th Ave., Richmond Hill 18, N.Y.—Jensen Instrument Co., 420 Market St., San Francisco, 1919 Beverly Blvd., Los Angeles.

MOFFETT ENGINEERING CO., 579 Cleveland Ave., Albany, Calif.—Branch Office: 15 Park Row, New York City.

MOISTURE REGISTER CO., 1510 W. Chestnut St., Alhambra, Calif.—James L. Kearns Co., 6055 N.E. Glisan, Portland.

MOLONEY ELECTRIC COMPANY, 5390 Bircher Blvd., St. Louis 20, Mo.—Western representatives: Garlond-Affolter Engineering Corp. (in following cities), 2603 Western Ave., Seattle 1; 1233 N.W. 12th Ave., Portland; Subway Terminal Bldg., Los Angeles; 407 Holbrook Bldg., San Francisco 4; Hamilton Associates, 1236 Elati St., Denver 2; Riter Engineering Corp., 314 Kearns Bldg., Salt Lake City; Ensign & Kempson, 4428 E. Washington, Phoenix; A. W. Graham, P. O. Box 69, Clovis, N. M.; R. E. McDonough, 829 Maryland Ave., Butte. (See ad page 41.)

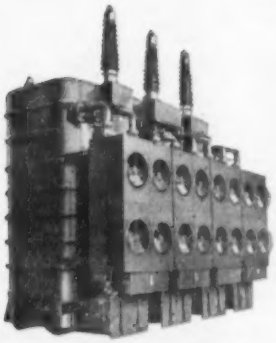
MONARCH FUSE CO., LTD., 118 E. First St., Jamestown, N. Y.—Keeler, White Co., in following cities: 615 7th St., San Francisco; 456 Colyton St., Los Angeles; 1041 6th Ave. So., Seattle; 422 N.W. Fourth Ave., Portland; George E. Anderson Co., 1901 Griffin St., Dallas; L. S. Reed Co., 2239 Colfax Ave., Denver.

MONARCH RANGE CO., 715 No. Spring St., Beaver Dam, Wis.—L. A. Barton, 7939 N.E. Tillamook St., Portland 1; B. H. Egderton, 9625 Seventh Place, N.E., Seattle 5; L. G. Jackson, 3510 W. Fleming, Spokane; J. W. Boehler, 17 Yorktown Rd., Irvington, Calif.; C. G. Hanson, 328 Bellevue No., Seattle; A. F. Beine, 747 W. Pierce St., Phoenix; L. L. Dean, 823 So. 8th East, Salt Lake City; E. R. Kunn, 429 No. 33rd St., Billings, Mont.; B. E. Colligan, Littleton, Colo.; E. D. Redlich, 1514 E. Ames, Glendice, Mont.; D. N. Stern, 222 N. Sheridan Ave., Colorado Springs, Colo.

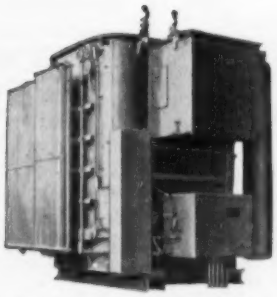
MONGERSONS ELECTRICAL MACHINE WORKS, INC., 220 E. 19th St., Bakersfield, Calif.—Agencies Co., 836 Traction Ave., Los Angeles; Brill Electric Sales, 446

Continued on Page 42

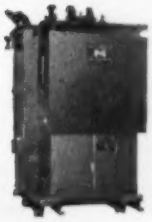
MOLONEY



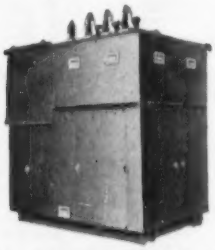
Moloney Power Transformers available in any Kva and voltage rating.



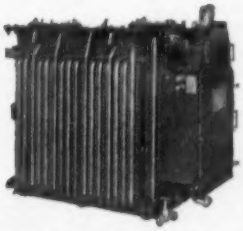
Power Transformers equipped with built-in Load Tap Changing equipment are available in any Kva and voltage rating.



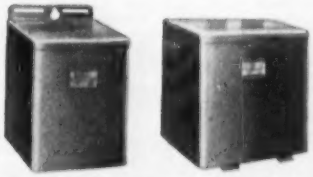
Feeder Voltage Regulators and Regulating Transformers—Moloney Regulating Equipment provides constant line voltage for all transmission and feeder lines. Available in all standard ratings with plus and minus ten per cent regulation in thirty-two steps of five-eighths per cent.



Outdoor Type Single Circuit Unit Substation Incorporates primary disconnect switch and secondary circuit breakers with power transformer and automatic load tap changing equipment in a single package for outdoor locations.

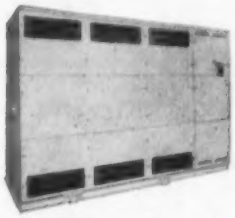


Network Transformers for indoor, outdoor or subway installation are available in standard and special Kva and voltage ratings.



Moloney HyperCore Dry Type Transformers—For general purpose power and lighting service. 1½ through 15 Kva are totally enclosed for outdoor installation and are suitable for wall mounting. 25 through 50 Kva available in both indoor and outdoor types.

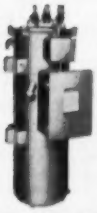
Askarel (non-inflammable liquid cooled) Load Center Transformer.



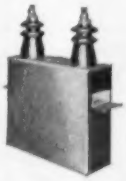
Ventilated Dry-Type, Load Center Transformer. (Group 2 insulation).

Nitrogen-sealed Dry-Type Load Center Transformer. (Group 3 insulation).

All three types of Load Center Transformers available in all standard Kva and voltage ratings. For indoor installation of load centers without the use of fire proof vaults.

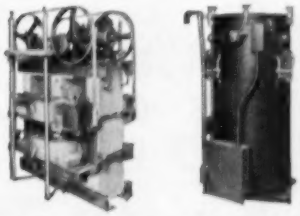


Single-phase, Pole-Type Feeder Voltage Regulators (Type PRS) plus or minus 10% voltage regulation in 32 equal steps of ⅝%. Available in a wide range of Kva and voltage ratings. Units are completely self-contained.



Moloney Askarel Capacitors are non-inflammable liquid filled. They are available in 15 and 25 Kva sizes and in voltage ratings of 2400, 4800 and 7200 volts.

Moloney HiperCore Conventional and CSP Distribution Transformers, oil-cooled, for outdoor pole or platform mounting. Sizes up to 500 Kva, single-phase or 3-phase. Voltages up to 67,000 volts.



Moloney Constant Current Transformers (including Packaged Units) are designed to maintain normal rated lamp current on series street or highway lighting circuits. Closed as Pole Type, Subway Type or Station Type. Packaged Unit Constant Current Transformers are Pole Type with protective and control equipment built into one unit.

MOLONEY ELECTRIC COMPANY

SALES OFFICES IN ALL PRINCIPAL CITIES • FACTORIES AT ST. LOUIS, MO. AND TORONTO, ONT., CANADA

ROBERT J. ARTHUR

Manufacturers' Representative

Howard Electric Company— "Howarduct" Underfloor Duct and Fittings

Versabar Corporation— Continuous Slot Metal Framing

Nye Tool Company— Hand Threading and Cutting Tools—K.O. Punches

Electric Service Mfg. Co.— Crane Trolley Collectors, Insulators and Accessories

Connecticut Telephone & Electric Corporation— Telephone Intercom. and Accessories

Royal Electric Mfg. Co.— Bus Fittings and Disconnect Switches

Frank B. Clayton's Sons— Expanded Metal and Ladder Type Cable Trays

Neo-Ray Products, Inc.— Lighting Fixtures and Louvered Ceilings

420 Market St. San Francisco 11, Calif. YUkon 2-3483

Bryant St., San Francisco 7; The Sanderlin Co., 201 S.E. Washington, Portland and 129-31 First Ave. West, Seattle; John Allen Ware & Co, P. O. Box 4216 Comm. Sta., Phoenix; Hathaway-McCartney Co., 1660 11th St., Denver 4.

MONITOR EQUIPMENT CORP., 640 West 249th St., New York 71, N.Y.—O. B. Wilt Company, 1355 Market Street, San Francisco; 4510 Melbourne Ave., Los Angeles 27, 913 Arctic Bldg., Seattle 4, and 4650 S.W. Wyndmere Circle, Portland. Distributors: Kaemper & Barrett, 1850 Mission Street, San Francisco 3; Seattle Radio Supply, Inc., 2117 Second Ave., Seattle 1; Stewart Distributing Co., 505 S. First, W., Salt Lake City 4, Utah; D. N. Latus & Co., 1531 National, Helena, Mont.; The Benmark Co., 1740 Lawrence St., Denver; Seattle Hardware Co., 501 First St., Seattle; Horn & Cox, 4382 Bandini Rd., Los Angeles.

MONITOR CONTROLLER CO., 51 Hayward St., Braintree, Boston 84, Mass.—Glidden Eng. & Equip. Co., 2523 McKinney Ave., Dallas and 3802 Winchester St., Houston; Hubert Kaub & Co., 1025 Santa Fe Dr., Denver 4; Robert M. Schow, 1709 W. 8th St., Los Angeles; Campbell & George, 1601 Cortland, San Francisco; Electric Power Equip. Ltd., 1285 Homer St., Vancouver, B. C.; Maydwell & Hartzell, Inc., 1238 N.W. Glisan St., Portland, 306 Dexter Ave., Seattle 4, and 814 Paulsen Bldg., Spokane 8.

MONOWATT, Dept., General Electric Co. — (See General Electric Co.)

MONTAG INC., 2011 N. Columbia Blvd., Portland 17, Ore.—National Elec. Supply, 1-14th St., San Francisco; Bayview Distributors, 129 Est Ave. W., Seattle; Tel-Electric Distributors, No. 734 Division St., Spokane; Standard Supply, 225 East 6th South, Salt Lake City; Coast Wholesale Elec., 2600 W. Magnolia Blvd., Burbank, Calif.; Capital Wholesale Elec., 1235 "S" St., Sacramento 14; Osborne & Dermody, 2300 Valley Rd., Reno, Nev.; Poindexter Elec., 1431 Delaware St., Denver.

MONTECELLO SPECIALTIES CO., 9 Great Jones St., New York City —James Mundstock, 320 Market St., San Francisco.

MORGANITE, INC., 3302 48th Ave., Long Island City 1, N. Y.—T. F. Carter, 905 San Mateo Dr., Menlo Park, Calif.; C. B. Knispel, 1115 West 16th St., Santa Ana, Calif.

MORSE CO., FRANK W., 1209 Soldiers Field Road, Boston, Mass.—H. H. Van Luven, 120 S. Hewitt, Los Angeles 13; E. B. Cook, 1063 Howard St., San Francisco 3.

MORTON MFG. CO., Broadway & Hoyt Sts., Muskegon Heights, Mich.—Joseph C. Fletcher, 1415 Folsom St., San Francisco 3; Perine Machinery & Supply, 1921 First Ave. S., Seattle 4; Griffin & Ross Machinery Co., 5224 Pacific Blvd., Huntington Park, Calif.; Mine & Smelter Supply Co., 121 West Second South St., Salt Lake City 1.

MOTORCRAFT, Box 470, Muncie, Indiana—Tri-State Supply Company, 544 So. San Pedro, Los Angeles; 554 Bryant St., San Francisco and 318 Occidental Ave., Seattle; Electrical Specialty Co., 158 Eleventh St., San Francisco 3; 418 E. Third, Los Angeles 13; 2406 First Ave. So., Seattle 1 and 1015 21st., Denver 2; H. G. Rising, Inc., 151 N. Vermont Ave., Los Angeles 5.

MOTOR GENERATOR CORP., Hobart Road, Troy, Ohio—Frank T. Butler, 722 Fern Glen, La Jolla, Calif.; Fred Pelletier Co., 1014 Venice Blvd., Los Angeles; McCormick-Morgan, 725 Second St., San Francisco; Toneray Equip. Co., 1732 Blake St., Denver; Pacific Battery Mfg. Co., 427 N.E. Cook, Portland; Automotive Elec. Co., East 125 Mission Ave., Spokane; Industrial Products Co., 2911 First Ave. So., Seattle.

MOTOROLA, INC., 4545 Augusta Blvd., Chicago, Ill.—Branch Office: J. M. Tuttle, Western Sales Mgr., 811 S. "B" St., San Mateo, Calif. Sold through exclusive distributors.

MUCKLE MFG. CO., P. O. Box 119, Owatonna, Minnesota—Roy M. Scott, 323 10th St., San Francisco 3; Frederick Co., W. 915 Mallon Ave., Spokane; Sheet Metal Fabrications to government specifications: The Ballard Co., 407 Sansome St., San Francisco 11; George G. Woodcock Co., 813 N. LaBrea Ave., Los Angeles 38; Packaging Commodities, 4106 Airport Way, Seattle 8.

MUELLER ELECTRIC CO., 1583 E. 31st St., Cleveland 14, Ohio—Harry E. Marshall, 104 Olive St., San Francisco 9; L. B. Putnam Co., 1217 California St., Denver 2.

MULLENBACH ELECTRIC MFG. CO., 2300 E. 27th St., Los Angeles 58, Calif.—Sold through all electrical distributors.

MULLINS MANUFACTURING CORP., 101 University, N.E., Warren, Ohio—Branch Office: 1355 Market St., San Francisco; McCollum Law Corp., Denver; Pioneer Appliance Co., San Francisco; Devlin-Drew Co., 165 Broadway, Fresno, Calif.; Par Dist. Co., 420 N. 16th St., Billings, Mont.; General Appliance Corp., 341 Rio Grande St., Salt Lake City; Lou Johnson Co., 1506 N.W. Irving St., Portland 9; Columbia Elec. & Mfg. Co., S. 123 Wall St., Spokane 4; Morrison Supply Co. Inc., San Diego; RCA Victor Dist. Corp., Los Angeles; Midland Specialty, Phoenix; Crouch Appl. Co., El Paso; Northwest Kitchens, Inc., Seattle; Saviers Elec. Prod. Corp, Reno.

MULLITE REFRACTORIES CO., 95 Canal St., Shelton 1, Conn.—E. A. Wilcox, 277 Seventh St., San Francisco 3; 2202 S. Atlantic Blvd., Los Angeles and Arctic Bldg., Seattle 4.

MULT-A-FRAME, div., Ainsworth Mfg. Corp., 1471 E. Atwater St., Detroit 7, Mich.—Branch in Los Angeles, 7333 Coldwater Canyon, N. Hollywood, Calif.; Distributors: Enterprise Commercial Co., 1268 Folsom St., San Francisco; Bryan W. Burtch Co., 2915 First Ave. S., Seattle; Peterson Co., 4949 Colorado Blvd., Denver.

MULTI-AMP CORPORATION, 10 Third St., Newark 17, N. J.—B. Wise Associates, 1033 Holt Ave., Los Angeles and 318 S. Capitol Blvd., Boise, Ida.; Westinghouse Electric Supply Co. all principal cities.

MULTI-CLEAN PRODUCTS, 2277 Ford Parkway, St. Paul, Minn.—J. M. Johnston, 197 Poplar St., Millbrae, Calif.

MULTICORE SALES CORP., 164 Duane St., New York City 13—Harry A. Lasure, 9041 W. Pico Blvd., Los Angeles 35.

MULTI ELECTRIC MFG. CO., INC., 4223 W. Lake St., Chicago 24, Ill.—Edwin C. Dunn, P. O. Box 268, Littleton, Colo.; Wm. Benndorf, 401 W. Jackson, Phoenix.

MULTI PRODUCTS MFG. CO., 2040 Santa Fe Ave., Los Angeles, Calif.—Melbourne Zigmond, 2040 Santa Fe Ave., Los Angeles; Bruce-Emmet Co., 826 S.E. Alder St., Portland and 1016 First Ave., So., Seattle 4; Californian-Arizona Sales Agency, 301 W. "G" St., San Diego 1; Everett T. Vonier Co., 1160 Elati St., Denver 3.

MURDOCK CO., Wm. J., 158 Carter St., Chesea 50, Mass.—Keeler White Co., 615 7th St., San Francisco, 436 Colyton St., Los Angeles, 322 N.W. 4th Ave., Portland and 1041 6th Ave. South, Seattle.

MURLIN MFG. CO., 200 S. Ambler St., Quakertown, Pa.—Allied Industries, 412 Seaton St., Los Angeles; E. A. Will, 534 First Ave. S., Seattle; Dahl-Beck Electric Co., 580 Howard St., San Francisco.

MURPHY CO., JAMES A., Hamilton, Ohio — Geraty Engineering Specialties, 380 Colusa Ave., Berkeley 7, Calif.

MURRAY MANUFACTURING CORP., 1250 Atlantic Ave., Brooklyn, N. Y.—Sales Engineers, Inc., 211 Wazee Market, Denver and 2269 McClelland, Salt Lake City; Northwest Sales Co., 1603 N.W. Johnson St., Portland; Ernest F. Hauch Co., 1282 Folsom St., San Francisco, 923 East 3rd St., Los Angeles and 3637 E. Indian School Rd., Phoenix.

MURRAY CORP. OF AMERICA, 7700 Russell Ave., Detroit, Mich. —Mark Battersby, 766 Garland, Palo Alto, Calif.

MU SWITCH DIV. Aero Mfg. Co., 2040 E. Main St., Columbus, Ohio —C. B. Parson Co., 3028 1st Ave., Seattle; R. H. Fisher Co., 721 Clementina, San Francisco; Fred Altman, 1665 Riverside Dr., Los Angeles 14.

NARRAGANSETT WIRE CO., 541 Pawtucket Ave., Pawtucket, R. I. —Magnes Co., 275 2d St., San Francisco; Wm. O. Proby & Associates, 522 First Ave. S., Seattle 4, and 1308 N.W. Everett, Portland 9; Narragansett Wire Co., 667 S. Anderson St., Los Angeles.

NATALE MACHINE & TOOL CO., 337 Highway #17, Carlstadt, N.J. —L. N. Curtis & Sons, 5808 College Ave., Oakland; Star Machinery Co., 801 S. Front, Portland; Midwest Service & Supply Co., 1333 S. Main St., Salt Lake City; Graybar Electric, Sacramento, and San Francisco, and Boise, Idaho; Western Fire Equipment Co., 69 Main St., San Francisco.

NATIONAL ACME CO., Electrical Mfg. Div., 170 E. 131st St., Cleveland, Ohio—Preston Machinery Co., 6703 Santa Fe, Huntington Park, Calif.; T. F. Pimper Machinery, 452 Brannan St., San Francisco.

NATIONAL APPLIANCE CO., 4814 W. Vernor Highway, Detroit, Mich.—C. A. King Co., 2323 Second Ave., Seattle 1; Electri-Cal, 5455 Hollywood Blvd., Los Angeles 27; Pacific Yard Service, 109 S. E. Salmon St., Portland 14; C. P. Keeler Co., 1732 Fourth So., Seattle.

NATIONAL CABLE CORP., 2735 South 34th St., Milwaukee, Wis.—Tubergen Associates, 2232 W. 11th St., Los Angeles 6.

NATIONAL CARBON DIV., Union Carbide & Carbon Corp., 30 E. 42nd St., New York City 17—Branch Offices: District Mgrs., H. D. Van Artsdale, 22 Battery St., San Francisco, and J. E. LeMay, Room 515, Wilson Bldg., Dallas.

NATIONAL COMPANY, INC., Malden, Mass.—Herb Becker, 1140 Crenshaw, Los Angeles; Wes Alderson Co., 10422 Nat'l Blvd., Los Angeles; E. W. Brandt, 780 Natoma St., San Francisco; Burt C. Porter Co., 4310 Roosevelt Way, Seattle, and Box 4978, Portland; Dick Hyde Co., 3250 So. Dexter St., Denver, and 2220 Utah St., N.E., Albuquerque.

NATIONAL DRYER SALES CORP., 616 W. Adams, Chicago, Ill.—Pacific National Dryer Sales, 816 W. 5th, Los Angeles; Colberg Supplies, Inc., 777 Golden Gate Ave., San Francisco.

NATIONAL ELECTRIC COIL CO., Columbus, Ohio — Walter McPherson, Jr., 109 W. 21st St., Long Beach, Calif.; D. W. Hatfield, 1510 Harvard Ave., Salt Lake City 5; G. H. Bragg, 94 Ramona Ave., Piedmont, Calif.

NATIONAL ELECTRIC PRODUCTS CORP., 2 Gateway Center, Pittsburgh 19, Pa., and 2750 W. Lomita Blvd., Torrance, Calif. —Branch Offices: 714 W. Olympic Blvd., Los Angeles 15; 1049 Sixth Ave. S., Seattle 4; 400 Potrero Ave., San Francisco 10, 3227 Brighton Blvd., Denver 5; 19 W. South Temple, Salt Lake City.

NATIONAL ELECTRIC WELDING MACHINES CO., INC., 1846 N. Trumbull, Bay City, Mich.—Geo. Tivy, 1148 S. Grand Ave., Los Angeles.

NATIONAL ELECTRONICS MFG. CO., 414 S. Western Ave., Los Angeles, Calif.—Gregnall Co., 1355 Market St., San Francisco.

NATIONAL ENGINEERING & MFG. CO., 519 Wyandotte St., Kansas City, Mo.—O. B. Wilt Co., 1355 Market St., San Francisco.

NATIONAL ENAMELING AND STAMPING CO., (See Nesco., Inc.)

NATIONAL FABRICATED PRODUCTS, 2650 W. Belden, Chicago 47, Ill.—Perlmuth-Colman Associates, 2419 So. Grand, Los Angeles; William Belfer, 926 Howard, San Francisco; Paul F. Wiley Co., 1632 Silverlake Blvd., Los Angeles.

NATIONAL IDEAL CO., 2533 W. Central Ave., Toledo Ohio — Wright Agencies, 10864 5th Ave S., Seattle 88.

NATIONAL PNEUMATIC CO., INC.—(See Holtzer-Cabot.)

NATIONAL POLE & TREATING, Div., Minnesota & Ontario Paper Co., 500 Baker Arcade Bldg., Minneapolis 2, Minn.—Branch Office in Spokane, Wash.

NATIONAL PRESTO INDUSTRIES, INC., Eau Claire, Wis.—Wholesale distributors all principal cities.

NATIONAL RESEARCH CORP., 160 Charlemont St., Newton Highlands, Mass.—Carl Herrmann, P. O. Box 1179, Palo Alto, Calif.

NATIONAL SCREW & MFG. CO., 2440 E. 75th St., Cleveland 4, Ohio—National Screw & Mfg. Co. of Calif., 3423 S. Garfield Ave., Los Angeles 22; 1863 Wazee St., Denver 2; 3604 Macadam Ave., Portland 1, and 1 Drumm St., San Francisco 11.

NATIONAL SEMI-CONDUCTOR PRODUCTS, 930 Pitner Ave., Evanston, Ill.—Wm. Belfer, 926 Howard St., San Francisco.

NATIONAL SPECIALTIES CO., Howell & Tyler St., Fort Wayne, Ind.—O. W. Coombs Sales Co., 1026 S. Olive, Los Angeles.

NATIONAL STEEL CONSTRUCTION CO., 500 Myrtle St., Seattle, Wash.—Earl H. Jones & Co. Inc., 1150 Folsom St., San Francisco and in following cities: 819 Thomas St., Seattle; 1863 Wazee St., Denver; 1233 N.W. 12th Ave., Portland 9; Continental Water Heater Co., 1801 Pasadena Ave., Los Angeles 31.

NATIONAL TELEPHONE SUPPLY CO., 5100 Superior Ave., Cleveland 3, Ohio—Western District Manager, John E. Winchester, 10345 Deveron Drive, Whittier, Calif.; Joslyn Pacific Co., 5100 District Blvd., Los Angeles, 180 Potrero Ave., San Francisco; Seattle, Portland and Salt Lake City: Graybar Elec. Co. all cities.

NATIONAL UNION RADIO CORP., Hatboro, Pa.—Barstsow & Doran, 1406 S. Grand Ave., Los Angeles.

NATIONAL VARNISHED PRODUCTS CORP. (See Natvar Corp.)

NATIONAL VULCANIZED FIBRE CO., Maryland Ave. & Beech St., Wilmington, Delaware—Branch Office: 273 7th St., San Francisco 3; 2325 E. 8th St., Los Angeles 21; 4001 Whitman Ave., Seattle.

NATVAR CORP., 211 Randolph Ave., Woodbridge, N. J.—Electrical Specialty Co., 158 Eleventh St., San Francisco; 2406 1st Ave. S., Seattle; 1101 Stout St., Denver and 418 East 3rd St., Los Angeles.

NAXON UTILITIES CORP., 3600 W. Touhy, Chicago, Ill.—Paul R. Prietsch Co., 1355 Market St., San Francisco; Eagle Associates, 3377 Krameria St., Denver; Frederick C. Wolf & Son, 21st and Pacific Ave., Tacoma, Wash.

NEBRASKA BOILER & SUPPLY CO., 233 N. 9th St., Lincoln, Nebr.—Johnson Engineering Co., 534 20th St., Oakland 12, Calif.

NEDCO, 88 Rumford Ave., Waltham, Mass.—J. E. Haseltine & Co., S.W. 2nd Ave. & Ash Sts., Portland 4; W. J. Burke & Co., 2690 Harrison St., San Francisco.

NELSON, HERMAN, DIVISION, American Air Filter Co. Inc., 1824 Third Ave., Moline, Ill.—Pacific Div., American Air Filter Co., Inc., 225 Bush St., San Francisco 4; Herman Nelson, Div. A.A.F., 6175 York Blvd., Los Angeles 42. Agents: Ralph L. Nelson, 124 East Augusta Ave., Spokane; E. H. Langdon Co., 72 Vine, Seattle; Appleton Eng., 1219 California St., Denver; W. M. Walterskirchen Co., P. O. Box 1163, Missoula, Mont.; Alfred C. Baechlin Co., P. O. Box 912, Phoenix; T. C. Langdon Co., 725 N.E. 25th Ave., Portland; Midgley-Huber, 44 W. 8th South St., Salt Lake City; Albuquerque Eng. Co., 2722 Hyder Dr., Albuquerque.

NELSON ELECTRIC MFG. CO., 217-A N. Detroit St., Tulsa, Okla.—Oliver B. Lyman, 55 New Montgomery St., San Francisco; H. J. Randolph Co., 736 Santa Anita St. San Gabriel, Calif.; Sales Engineering Co., Inc., 526 W. 8th South St., Salt Lake City 5; Fred W. Carlson, 1201 Dexter Ave., Seattle 1; 935 N.W. 12th Portland, and 604 Utah Ave., Butte, Mont.

NELSON STUD WELDING Div. of Gregory Industries, Inc., Lorain, Ohio—Gregory Industries, Inc., 440 Peralta Ave., San Leandro, Calif., and 5463 Alhambra Ave., Los Angeles, and 1416 Blake St., Denver; Western Oxygen, Inc., 2447 6th Ave. S., Seattle; Gibson Welding Supplies, E. 218 Trent Ave., Spokane; Industrial Supply Co., 121 Motor. Ave., Salk Lake City; Consolidated Welding Supply, 747 Grand Ave., Phoenix.

NEMCO ELECTRIC CO., 210 Second Ave., Seattle 4, Wash.—Seattle Lighting Fixture Co., 222 Second Ave., Seattle 4; Baker-Barkon Co., 1335 S.W. Morrison St., Portland 5; S. F. Lighting & Supply Co., 1147 Howard St., San Francisco; Wagner-Woodruff Co., 830 So. Olive St., Los Angeles 14; Vancouver Lighting Co., Ltd., 124 E. Hastings St., Vancouver 4, B. C.

NEO-RAY PRODUCTS, INC., 315 E. 22nd St., New York 10, N. Y.—Steel & Eng. Products Co., P.O. Box 32, El Paso; P.O. Box 3026 Sta. C. Albuquerque, and 909 N. First St., Phoenix; Gruen Lighting Co., 8336 W. Third St., Los Angeles 48; Richard English, 3814 N.E. Wasco St., Portland; Robt. J. Arthur, 420 Market St., San Francisco.

NEPO, 527 South Wall St., Chicago, Ill.—Guy de Leuze, 1485 Bayshore Blvd., San Francisco.

NEPTUNE-POWER PLUS PRODUCTS CO., 2228 Bellevue, Detroit 7, Mich. — Westinghouse Electric Supply, Graybar Electric Co., Inc., and General Electric Supply Corp., in all principal cities.

NESCO, INC., 250 N. 12th St., Milwaukee, Wis.—Branch Offices: Robert McKnight, 3141 E. 12th St., Los Angeles; Wm. Clayton, 1733 S. 15th East, Salt Lake City; R. B. McCarty, 114 42nd Ave., San Francisco; J. T. Ericksen, 95 Connecticut St., Seattle 4.

NEWCOMB AUDIO PRODUCTS CO., 6824 Lexington Ave., Hollywood, Calif.—Don H. Burcham Co., 510 N.W. 19th Ave., Portland 8; A. J. Nelson Co., P. O. Box 5502, Denver; Wm. J. Purdy, 312 7th St., San Francisco.

NEW DEPARTURE, Div. General Motors Corp., Bristol, Conn.—Branch Offices: 5035 Gifford Ave., Los Angeles 58; 5000 First Ave. South, Seattle 4, 1716 Fourth St., Berkeley 10, Calif.

NEW ENGLAND CARBIDE TOOL CO., INC., Auburn & Brooklin Sts., Cambridge 39, Mass.—H. H. Hobelmann & Co., 225 Kansas St., San Francisco; Bruce P. Rutherford, Inc., 1954 First Ave. S., Seattle, and 122 First Ave. S.W., Portland.

NEW ENGLAND MICA CO., INC., 66 Woerd Ave., Waltham, Mass.—Insulation & Wires, Inc., 1077 Howard St., San Francisco; 6415 E. Fleet St., Los Angeles 22, and 525 N. Tillamook St., Portland.

NEW JERSEY WOOD FINISHING CO., Amboy Ave., Woodbridge, N.J.—Insulation & Wires, Inc., 6415 E. Fleet St., Los Angeles, 1077 Howard St., San Francisco and 525 N. Tillamook St., Portland.

NEW YORK SOLDER CO. INC., 684 E. 133rd St., New York City—R. B. Haskell, 200 Davis St., San Francisco; H. B. Deming, 1423 S. Hill S., Los Angeles.

NEW YORK TRANSFORMER CO., INC., Alpha, N. J.—Branch at 2979 No. Ontario St., Burbank, Calif.

NEY CO., J. N., 7 Elm St., Hartford 1, Conn.—Jackson Edwards & C., 6047 Hollywood Blvd., Los Angeles.

NIAGARA ELEC'L INSTRUMENT CO., 559 Ellicott St., Buffalo 3, N. Y.—Arthur E. Booth Co., 265 S. Alexandria Ave., Los Angeles 4; The James L. Kearns Co., 6055 N. E. Glisan St., Portland 16.

NIFE, INC., Copiague, L. I., N. Y.—Fred W. Carlson Co., 1201 Dexter Ave., Seattle, and 935 N.W. 12th, Portland; H. R. Kaewert, 750 Natoma St., San Francisco.

NIKOH TUBE CO., 5000 S. Whipple St., Chicago, Ill.—Agencies Co., 836 Traction Ave., Los Angeles.

NISCHAN PRODUCTS CO., 520 Freeland Ave., Calumet City, Ill.—Valley Electric Co., 1831 18th St., Sacramento; Gilson Supply, Oakland; California Electric Supply, Folsom & Twelfth, San Francisco 3; C. W. Marwedel, 1235 Mission St., San Francisco 3; California Wholesale Electric, 120 N. Santa Fe Ave., Los Angeles 12; San Joaquin Wholesale Electric, 1701 30th St., Bakersfield, Calif.; Robert J. Arthur, 420 Market St., San Francisco.

NITROSE CO., INC., Peoria, Ill.—T. T. Watson Co., 508 5th Ave. South, Seattle.

NORGE DIV., Borg-Warner Corp., Merchandise Mart Plaza, Chicago, Ill.—Branch Office: R. H. Pixor, Regional Manager, 295 Buckingham Way, San Francisco. Distributors: Sues, Young & Brown, 3636 S. Bronson, Los Angeles 16; Leo J. Meyberg Co., 33 Gough St., San Francisco; Nystrom Bros., Inc., 2426 Fourth Ave., San Diego, Calif.

NORRIS - THERMADOR CORP., 5215 S. Boyle Ave., Los Angeles 58, Calif.—J. P. McMahon Dist. Sales Mgr., 5119 District Blvd., Los Angeles; Wm. H. Gribble, No. Calif. Regional Mgr. District offices: 520 Pacific Bldg., Oakland 12; 1400 Horseshoe Curve, Oswego, Ore.; 2415 42nd North, Seattle 2; 1239 Pepper Dr., El Cajon, Calif. and 5119 District Blvd., Los Angeles. Representatives: W. G. Cline Co., 1314 Wazee St., Denver 4, Walter R. Bills, 1501 S. 23rd East, Salt Lake City, Walter H. Olin, 5910 Bellamah, N. E., Albuquerque.

NORTH AMERICAN PHILIPS, 100 E. 42nd St., New York City—Les Taufenbach Co., 4860 Valley Blvd., Los Angeles.

NORTH ELECTRIC MFG. CO., 501 S. Market St., Galion, Ohio—H. E. Peters, 770 E. Washington St., Pasadena 6, Calif.

NORTH AMERICAN ELECTRIC LAMP CO., 1014 Tyler St., St. Louis, Mo. — F. J. Airey Co., 1513 S. Mateo, Los Angeles 21. (See adv page 43.)

FAVORITES EVERYWHERE
with proven records of SALES and SERVICE!

Nalcobrite Lamps . . . tungsten filament adds sparkle to crystal and polished fixtures. Delicately hand tipped. Clear or frosted. Candelabra, intermediate, standard bases.

Nalco Candylbeme Lamps . . . radiate without diffusion. Give sharp, brilliant reflection from polished surfaces.

Nalco Candle Flame Lamps . . . unique shape. Give soft, diffused glow to enhance the beauty of fixtures.

Nalco Heavy Duty Carbon Lamps . . . assure long life in severe service. Many shapes, colors, sizes. Nalco Infra-Red Lamps . . . for industrial drying, baking. Long-lasting carbon filaments.

Send for literature and prices

Western Representative: F. J. Airey Co., 1513 S. Mateo, Los Angeles 21, Calif.

NORTH AMERICAN
Electric Lamp Co.

1036 Tyler Street **St. Louis 6, Missouri**

NORTHERN ELECTRIC CO., 5224 N. Kedzie, Chicago, Ill.—W. P. McDowell & Co., 288 7th St., San Francisco.

NORTHERN LIGHT CO., 1661 N. Water St., Milwaukee, Wis.—E. T. Vonier Co., 1160 Elati St., Denver 3; L. M. Baxter Co., 1220 S.W. Stark, Portland and 908 Lowman Bldg., Seattle; Electri-Cal, 5455 Hollywood Blvd., Los Angeles 27.

NORTHWESTERN ELECTRIC CO., 1750 N. Springfield, Chicago, Ill.—Kaelin Electric Co., 1412 S. Los Angeles St., Los Angeles 15.

NORTHWEST LEAD CO., 2700 16th Ave., S.W., Seattle 4, Wash. —Solders and lead sleeving. Offices in Portland, Oakland, and Los Angeles.

NORTON ELECTRICAL INSTRUMENT CO., 71 Hilliard St., Manchester, Conn. — The James L. Kearns Co., 6055 N.E. Glisan, Portland.

NU-ART LIGHTING & MFG. CO., 235 E. 5th S., Salt Lake City, Utah—Bruce Emmett Co., 830 S. E. Alder St., Portland, N. 1603 Shannon Ave., Spokane, 1016 1st Ave., So., Seattle 4; Joseph E. Shull & Son, 3601 Whittier Blvd., Los Angeles 23; John Epperson Co., 50 Hawthorne St., San Francisco 5; Ralph Meislohn, 1632 17th St., Denver 2. Distributors in all principal cities.

NULCO MFG. CO., 325 Barton St., Pawtucket, R. I.—M. A. Wagner, 1075 Broadway, Belmont, Calif.

NUTONE, INC., Madison & Red-Band Roads, Cincinnati, Ohio—Branch Office: F. B. Marple, Mgr., 1734 S. Maple Ave., Los Angeles 15; Julian Wolf, 235 Westlake Ave., No., Seattle; Lewis C. Brody, 16 Acoma St., Denver; Randolph Chowning, 3203 E. Silva St., Lakewood, Calif.; Joe Scharfen, 208 11th St., San Francisco 3; J. R. Christensen, 247 E. 5th, So., Salt Lake City 2; Dan Treloar, 4561 71st St., Sacramento; R. L. Winter, 1361 Thomas Ave., San Diego 9.

NYE TOOL CO., 4124 W. Fullerton Ave., Chicago 39, Ill.—Robt. J. Arthur, 420 Market St., San Francisco.

OHIO BRASS COMPANY, Mansfield, Ohio—Branch Offices: A. M. Bohnert, Mgr., 1503 Hobart Bldg., San Francisco; R. F. Gheen, 932 Subway Terminal Bldg., Los Angeles; C. R. Illingsbury, 1107 Northern Life Tower, Seattle; J. S. Veatch, 371 Eudora St., Denver 20. Agent for Dist. Materials: Graybar Electric Co., Inc., all cities.

OHIO CARBON CO., 12508 Berea Road, Cleveland 11, Ohio—Representatives: C. F. Bowers, 544 S. San Pedro St., Los Angeles 13; Distributors: Tri-State Supply Corp. in following cities: 544 S. San Pedro St., Los Angeles 13; 544 Bryant St., San Francisco 7; 318 Occidental Ave., Seattle 4; Hendrie & Bolthoff Co., 1635 17th St., Denver 17; Nixon-Kimmel, 167 S. Wall, Spokane; Kalispell Merc. Co., Kalispell, Mont.; J. Korber & Co., 200-224 N. Second St., Albuquerque.

OHMITE MFG. CO., 3601 Howard St., Skokie, Ill. — Herb Becker, 1140 Crenshaw Blvd., Los Angeles 19; Phil Belchamber, 1401 Middle Harbor Rd., Oakland 20; H. George Sheffer Co., P. O. Box 1587 Phoenix; McLoud & Raymond Co., 5528 E. Colfax Ave., Denver 7; Marsh Agencies, 2601 First Ave., Seattle 1; Representatives for Relays only: Bellfove Co., 420 Market St., San Francisco 11; Harry Levinson Co., 1117 Second Ave., Seattle 1.

OKONITE COMPANY, 56 Canal St., Passaic, N. J.—I. W. Borda, Vice Pres. and Pacific Coast Mgr., 701 Phelps St., San Francisco 24; Branch offices: E. J. Danielson, 427 W. 5th St., Los Angeles 13; J. D. Fess, 362 Pittock Block, Portland; E. R. Conklin, P. O. Box 7173, Richmond Highlands Branch, Portland, Ore.

OLIN MATHIESON CHEM. CORP., Elec'l Div., 275 Winchester Ave., New Haven 4, Conn.—E. J. Spanier, 2483 44th Ave., San Francisco 16, 5016 E. Olympic Blvd., Los Angeles; D. H. Sneed, 6832 35th Ave., N.W., Seattle 7, and 15525 S.E. River Forrest Dr., Portland 22; R. R. Lancaster Co., 145 South 5th East, Salt Lake City; E. J. Donnelly Co., 415 W. 12th Ave., Denver.

OLIVER IRON AND STEEL CORP., S. 10th and Muriel Sts., Pittsburgh, Pa.—Sales Engineers Co., 211 Wazee St., Denver and 2269 McClelland, Salt Lake City; Roy Peck Associates, 103 No. Santa Anita Ave., Arcadia, Calif.; Shaffer and Nelson, 312 Occidental Ave., Seattle 4, N. 2205 Monroe St., Spokane and 129 S. E. Taylor, Portland.

OLSEN TESTING MACHINE CO., TINIUS, 2100 Easton Rd., Willow Grove, Pa.—Pacific Scientific Co., 25 Stillman St., San Francisco. Branches in Seattle, Portland and Los Angelese.

OLYMPIC WIRE METERS
Reels & Accessories
Weights & Measures Approved
Accurate & Efficient
National Wire & Cable Corp., 136 San Fernando Rd., Los Angeles 31; **Ernest F. Hauch,** 1282 Folsom St., San Francisco 3.
Olympic Instrument Laboratories
(Factory) Cove, Washington

OLYMPIC INSTRUMENTS LABORATORIES, Cove, Wash.—Ernst F. Hauch, 1282 Folsom St., San Francisco 3; National Wire & Cable Corp., 136 San Fernando Rd., Los Angeles 31. (See adv page 44.)

OLYMPIC RADIO & TELEVISION, INC., 34-01 38th Ave., Long Island City, N. Y.—Olympic of Southern California, 6101 S. Central Ave., Los Angeles; Olympic Television of No. Calif., Inc., 715 Bryant St., San Francisco 7. Sold thru leading distributors, all principal cities.

ON-A-LITE CORP., 112 Circle Road, Peoria, Ill.—Far West Specialty Co., 1212 S.E. 56th St., Portland; Taft & Co., Rio Grande Depot Bldg., Salt Lake City; Ray Lankford Associates, 7441 Sunset Blvd., Los Angeles.

ONAN & SONS, INC., D. W., University Avenue S.E. & 25th, Minneapolis, Minn.—Factory Representatives: Frank Gernand, 1588 Edgewood Dr., Palo Alto, Calif.; Les Leland, 2800 Tennyson St., Denver 12; Also sold thru authorized distriputors all principal cities.

ONE MINUTE WASHER CO., Kellogg, Iowa — Field Representative Northern Calif., Paul Prietsch, 1355 Market St., San Francisco.

ORANGEBURG MFG. CO., INC., Orangeburg, N. Y.—Martin Noack, 681 Market St., San Francisco. Distributed by Graybar Elec. Co., Inc., and General Electric Supply Co., all branches.

ORLEY BROTHERS CO., INC., 475 Schaefer at Oakwood, Detroit, Mich. — Paul H. Rice Co., 1355 Market St., San Francisco; Robinson Dist. Corp., 3129 Western Ave., Seattle; Frank M. Siegmund Co., P. O. Box 162, Phoenix; Neifran Co., 2613 S. Broadway, Denver 10; Pacific Appliance Dist., 1776 S. Robertson Blvd., Los Angeles 35.

OSMOSE WOOD PRESERVING CO., 980 Elliott St., Buffalo, N. Y. —Dan Kamphausen Co., Continental Oil Bldg., Denver, Colo.

OSTER MFG. CO., JOHN, Racine, Wis.—LeRoy Herbert, 855 Stevenson St., San Francisco; Claude Herbert, 1431 So. Los Angeles St., Los Angeles; Carl Moon, 2224 First Ave., Seattle; Charles G. Putnam, 1355 Market St., San Francisco, 4563 Valley Blvd., Los Angeles, and 3829 N.E. 28th St., Portland; Allen B. Carpenter, 820 12th St., Denver.

OVERBAGH & AYRES MFG. CO., 411 S. Clinton St., Chicago, Ill.—W. W. Wheat & Son 2219 4th Ave., Seattle 1; F. J. Airey Co., 1513 S. Mateo St., Los Angeles 21.

OWENS-CORNING FIBERGLAS CORP., Nicholas Bldg., Toledo, Ohio—Branch Offices: 68 Post St., San Francisco; 3445 W. 8th St., Los Angeles; 1077 Dexter Horton Bldg., Seattle; 1044 Pacific Bldg., Portland 7; N. 15th Ave., Phoenix; 211 Tramway Bldg., Denver; 405 N. 1st. St., Albuquerque; 1310 Continental Bank Bldg., Salt Lake City.

OXFORD METAL SPINNING CO., INC., 2102 E. Gillingham St., Philadelphia, Pa.—George Smith Co., 1206 S. Maple Ave., Los Angeles.

O. Z. ELECTRICAL MFG. CO., INC., 262 Bond St., Brooklyn, N. Y.—Eichorn & Melchior, 749 Bryant St., San Francisco; Agencies Co., 836 Traction Ave., Los Angeles; Wm. A. Proby Associates, 522 First Ave, So., Seattle; Wm. A. Proby Associates, 1308 N. W. Everett St., Portland; Harry F. Ream, 1028 Champa St., Denver 14.

P-W INDUSTRIES, INC., Duncan & Melrose, Philadelphia, Pa. — Earl S. Condon Co., 3460 Wilshire Blvd., Los Angeles; Oliver B. Lyman, 55 New Montgomery St., San Francisco; Charles E. Klaus Co., 2605 Western Ave., Seattle, and 1004 S.E. Belmont, Portland; Technical Service Co., 730 Haines Ave. N. W., Albuquerque, and P. O. Box 3493 Sta. A, El Paso; Conely Engineering Co., 165 S. First West St., Salt Lake City; Herbert Kaub & Co., 1025 Santa Fe Dr., Denver.

PACIFIC ELECTRIC SWITCHGEAR, Div. of Federal Pacific Electric Co.—(See listing under Federal Pacific Electric.)

PACIFIC ELECTRICORD COMPANY, 3217 Exposition Place, Los Angeles 18, Calif.—Meyer & Ross, 113 Tenth St., San Francisco 3; R. Stanley Bunker, 1863 Wazee St., Denver; Geo. E. Spencer, 1633 N.W. 21st St., Portland 22; Norman J. Fuchs Co., 2207 W. Catalina Dr., Phoenix; Charles Stoddard, 822 Poinsettia, Salt Lake City.

PACIFIC OERLIKON CO., 3001 N. Star St., Tacoma, Wash.—Earl S. Condon Co., 3460 Wilshire Blvd., Los Angeles 5.

PACIFIC SIGNAL CO., Box 168, Lynwood, Calif.

PACIFIC WIRE ROPE CO., 1840 E. 15th St., Los Angeles 21, Calif.—Branch Offices: 681 Market St., San Francisco; 3515 N.W. St. Helens Road, Portland.

PAINE COMPANY, Fullerton Ave. and Westgate Dr., Addison, Ill.—Nuro Co., in following cities: A. J. Nelson Co., P.O. Box 5502, Denver 1; Wm. Weston & Co., 1301 47th Ave., San Francisco 23; Agencies Co., 836 Traction Ave., Los Angeles.

PACKARD-BELL CO., 12333 W. Olympic Blvd., Los Angeles 64, Calif.—District offices: 1355 Market St., San Francisco, and Seattle, Wash. Sold thru distributors.

PAGE STEEL & WIRE—(See under American Chain & Cable Co., Inc.)

PAINE COMPANY, 501 Westgate Rd., Addison, Ill.—Wm. Weston Co., 1301 47th Ave., San Francisco; A. J. Nelson Co., P. O. Box 5502, Denver; Ed Siegert Agency, 326 Builders Exchange Bldg., Portland.

PALMER MFG. CORP., 2200 W. Fillmore, Phoenix, Ariz.—Branch Office: 914 S. Alameda, Los Angeles; Ben Clark, 307 Atlas Bldg., Salt Lake City; Joe Wagner, 2241 W. Fillmore, Phoenix; Victor Bartasevich, 226 E. Third St., Tucson; Joseph C. Platt Co., 2213 Fourth Ave., Seattle 1.

EARL S. **Condon** COMPANY
Engineering Representatives

- Burndy Engineering Co.
- Carma Manufacturing Co.
- Cole Electric Co.
- Lapp Insulator Co.
- P-W Industries, Inc.
- Pacific Oerlikon Co.
- Preformed Line Products Co.
- United States Rubber Co. Wire & Cable Division

3460 WILSHIRE BLVD. • LOS ANGELES 5, CALIF.
PHONE: DU 1-3951 • TWX: LA-795

PAASCHE AIRBRUSH CO., 1900 Diversey Parkway, Chicago 14, Ill.—Currier Company, 710 73rd Ave., Oakland 4.

PACIFIC CAR & FOUNDRY CO., 4th and Factory, Renton, Wash.—Sold thru sales offices of Westinghouse Elec. Corp., Westinghouse Electric Supply Co., General Electric Co., General Electric Supply Co., Graybar Electric Co., Inc., Line Material Co., North Coast Electric Supply and North West Electric Company.

PACIFIC COAST ENGINEERING, Oak and Clement Sts., Alameda, Calif. — Jacobs Engineering Co., 417 S. Hill St., Los Angeles.

PALNUT COMPANY, Mountainside, N. J.—W. D. Howze & Co., 5603 N. Figueroa St., Los Angeles 42; R. C. Dudek, 405 N. Maple Dr., Beverly Hills, Calif.

PANELLIT, INC., 7401 N. Hamlin Ave., Skokie, Ill.—Branch Office: 5017 Telegraph Rd., Los Angeles; Tower Equip. Co., P.O. Box 158, Mercer Island, Wash., Rodman & Co., 420 Market St., San Francisco; A. L. Polich & Associates, 5860 S.W. 18th Dr., Portland 19.

PANELYTE DIVISION, St. Regis Sales Corp., 230 Park Ave., New York City—Industrial: Electrical Specialty Co., in following cities: 158 11th St., San Francisco 3;

(Contined Next Page)

418 E. 3rd, Los Angeles 13; 2406 First Ave. South, Seattle 4; 1101 Stout St., Denver 2. Decorative: J. E. Higgins Lumber Co., 99 Bayshore Blvd., San Francisco 24; Strable Hardwood Co., 537 1st St., Oakland; S. Roth Co., 1008 N. Highland Ave., Los Angeles 38.

PARAGON ELECTRIC CO., 1600 12th St., Two Rivers, Wis.—McCune Merifield Co., in following cities: 51 Fremont St., San Francisco; 1331 S. Los Angeles St., Los Angeles; 909 Western Ave., Seattle; 563 W. Second South, Salt Lake City.

PARAMOUNT INDUSTRIES, INC., G 1080 Ballenger Rd., Flint, Mich.—Manufacturers' Marketing Service, PO Box 277, Menlo Park, Calif., and in the following cities: 2342 Franklin St., San Francisco; 6904 Grandview, Arvada, Colo.; 4229 Colbath Ave., Sherman Oaks, Calif.; 5545 N. Kay Dr., Phoenix, 4134 N.E. 15th St., Portland; 211 South 2nd West St., Salt Lake City.

PARKER ELECTRICAL MFG. CO., 221 Washington St., Oakland, Calif.

PARANITE WIRE & CABLE DIV., Essex Wire Corp., 1601 Wall St., Fort Wayne 6, Ind.—Branch Offices: 1077 Howard St., San Francisco; 6415 E. Fleet St., Los Angeles; 525 N. Tillamook St., Portland; 444 Dexter Horton Bldg., Seattle.

PARTLOW CORP., 2 Campion Road, New Hartford, N. Y.—Pacific Scientific Co. in following cities: 25 Stillman St., San Francisco; 1430 Grande Vista Ave., Los Angeles; 421 Michigan St., Seattle 8; 1218 S.E. 7th Ave., Portland 14; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver.

PARTRICK & WILKINS CO., 51 North 7th St., Philadelphia, Pa. Bruce-Emmett Co., 830 S.E. Alder, Portland; Rollins Electric, 804 So. Atlantic Blvd., Monterey Park, Calif.

PASS & SEYMOUR, INC., Boyd Ave., Solvay, Syracuse, N. Y.—J. G. Pomeroy Co., 1004 E. 14th St., Los Angeles 13; Keith Bering, 1350 28th Ave., San Francisco; Sales Engineers, Inc., 211 Wazee Market, Denver, and 2269 McClelland, Salt Lake City; Shaffer & Nelson, 139 S.E. Taylor St., Portland 9, 312 Occidental Ave., Seattle 4, and W. 1835 Broadway, Spokane 17. (See adv page 45.)

PASTEURAY CORP., St. Louis, Mo.—E. E. Barkley, 723 N. Santa Cruz, Los Gatos, Calif.

PATTERSON EQUIPMENT CO., 124 F Street, Turlock, Calif.—Coast Tool Co., 6046 College Ave., Oakland 18; Montague-Harris & Co., 893 Folsom St., San Francisco 3; Central Electric Supply Co., P.O. Box 267, Denver 1; Colin C. Merrick & Co., 600 16th St., Oakland 12; Incandescent Elec. Supply, 647 Mission St., San Francisco.

PAULDING, INC., JOHN I., New Bedford, Mass.—Branch Offices: 145 Second St., San Francisco; 1238 N.W. Glisan, Portland; 1855 Industrial St., Los Angeles.

PAULUHN ELEC. MFG. CO., New York City—Jim Shirreffs Co., 1105 S. La Brea, Los Angeles.

PEER, INC., 1200 Milton St., Benton Harbor, Mich.—Hendrie & Bolthoff, 1635 17th St., Denver; Galigher Co., 545 W. 8th South St., Salt Lake City; O'Neill Machinery Co., 1011 Howell St., Seattle; Gibson Welding Supplies, E. 218 Trent Ave., Spokane; Hickinbotham Bros., Ltd., 536 S. Aurora St., Stockton, Calif.; Pacific Welding Alloys Mfg. Co., 310 N. Avenue 21, Los Angeles.

PEERLESS ELECTRIC CO., 1401 West Market St., Warren, Ohio—Montgomery Bros. in following cities: 1122 Howard St., San Francisco; 2113 So. San Pedro St., Los Angeles 21; 1632 N.W. Johnson St., Portland 9; 911 Western Ave., Seattle 4; Richards & Associates, 2415 15th St., Denver 11.

PEERLESS ELECTRIC, INC., 615 W. 131st St., New York City—Broil-Quik & Cronin Corp., 654 S. Anderson St., Los Angeles.

PEERLITE MFG. & SUPPLY CO., 178 5th St., San Francisco, Calif. —Sold through Electric Supply Manufacturers and wholesalers.

PELHAM ELECTRIC MFG. CORP., 15th and German St., Erie, Pa.—R. W. Peterson & Associates, 923 East 3rd, Los Angeles; Coastal States Elec. & Equip. Co., 112 Market St., San Francisco.

PELTON WATER WHEEL CO., 2929 19th St., San Francisco, Calif. — Domestic Sales direct from Home Office—Export thru Baldwin Lima Corp., Eddystone, Pa. Agent: American Factors, Ltd., P. O. Box 3230, Honolulu, T.H.

PENETRAY CORP., 615 Front St., Toledo, Ohio—Branch Office Leonard Holzman, 335 Towne, Los Angeles; V. Bingham, 4315 E. 43rd, Seattle; H. George Shefler, 240 S. 1st, Phoenix; William Jones, 84 W. 1st, North, Logan, Utah.

PENN CONTROLS, INC., Goshen, Ind.—Branch Offices: 2806 8th St., Berkeley, Calif.; 228 Glendale Blvd., Los Angeles; 3010 First Ave., Seattle. Agents: H. M. Olmstead Co., 3755 Blake St., Denver 5; Specialty Sales Co., 208 S.W. Temple, Salt Lake City. Lake City Automatic Equip Co., 4607 Lomas Blvd. N.E., Alburquerque.

PENNSYLANIA TRANSFORMER CO., P.O. Box 330, Canonsburg, Pa.—Fred W. Carlson, 1201 Dexter Ave., Seattle; John G. Corrin, 510 W. 6th, Los Angeles; George E. Honn Co., 420 Market St., San Francisco; Peterson Co., 4949 Colorado Blvd., Denver 16; Clarence W. Silver Co., 550 W. 7th S. St., Salt Lake City 4; J. E. Redmond Supply, P.O. Box 869, Phoenix.

PENN-UNION ELECTRIC CORP., 315 State St., Erie, Pa.—F. M. Nicholas Co., 714 Harrison St., San Francisco; Kenneth Anderson Co., 412 Seaton St., Los Angeles; Northwestern Agencies, 4130 First Ave. South, Seattle; John Elggren Co., 428 S. W. Temple, Salt Lake City; National Parts Distrs. Inc., 1075 Galapago St., Denver.

PERENY EQUIPMENT CO., 893 Chambers Road, Columbus, Ohio —Wendell P. Keith, 1234 East 6th St., Whittier, Calif.; Grant Edgel Co., 8714 N.E. Siskiyou St., Portland 20.

PENROSE, INC., 427 W. 5th St., Los Angeles, Calif.—Mr. Horrowitz, Hearst Bldg., San Francisco.

PERFECLITE CO., 1457 E. 40th St., Cleveland, Ohio—L. M. Baxter Co., 1220 S.W. Stark St., Portland and 1016 First South St., Seattle; Jose E. Pearce, P. O. Box 796, Albuquerque.

PERFECT-LINE MFG. CORP., Old Country Rd. & R. R. Ave., Hicksville, N.Y.—Walter E. Wallace Co., 445 Bryant St., San Francisco; L. D. Hood Sales Agency, 1123 W. 8th Ave., Denver; D. C. Taylor, P.O. Box 4224, Portland 8; Agencies Co., 836 Traction Ave., Los Angeles.

PERFECTION MICA CO., 20 North Wacker Dr., Chicago 22, Ill.—Irv. Glerum, 14532 Van Owen St., Van Nuys, Calif.; Frank White, 788 Mayview Ave., Palo Alto, Calif.

EICHORN & MELCHIOR

749 Bryant Street
San Francisco, Calif.
DOuglas 2-1038

- **Russell & Stoll Company, Inc.**
  Lighting fixtures, floor boxes, receptacles, plugs & connectors, circuit breakers, switches, panelboards, industrial control, alarms and accessories
- **O. Z. Electric Mfg. Co.**
  Conduit fittings, cable terminators, cast iron boxes, solderless connectors, power connectors, grounding devices
- **Tork Clock Co.**
  Time switches, lawn sprinkling controls
- **Feedrail Corp.**
  Electric Trolley Busway Systems
- **Sequoia Process Corp.**
  Multiconductor, inter-com, shielded wires and cables

Large Local Warehouse Stocks

PERFECTION STOVE CO., 7609 Platt Ave., Cleveland 4, Ohio—Branch Office: 1280 45th St., Oakland 8, Mr. D. C. Branhan, Mgr. Sold thru furniture, hardware, appliance and variety stores.

PERKIN ENGINEERING CORP., 345 Kansas St., El Segundo, Calif. —McCarthy Associates, P. O. Box 36, Altadena, Calif.; Testco, Boeing Field, Room 105, Seattle 8; Allen I. Williams, 124 W. 12th Ave., Denver; C. R. Dalton, 108 Ware Road, Redwood City, Calif.

PERKINS MARINE LAMP & HOWE, CORP., 1943 Pitkin Ave., New York, N.Y.—McCune Merifield Co., in following cities: 51 Fremont St., San Francisco 5; 909 Western Ave., Seattle; 1331 So. Los Angeles St., Los Angeles; 563 W. Second South, Salt Lake City; James Russell, Idaho Falls, Ida.

PERMACEL TAPE CORP., Highway 25, New Brunswick, New York.—C. D. LaMoree, 1325 San Julian St., Los Angeles; 2221 Fourth St., Berkeley 7, 317 N.W. Broadway, Portland 9, and 166 Jackson St., Seattle 1.

PERMOFLUX CORP., 4900 West Grand Ave., Chicago 39, Ill.—Branch Office, 4101 San Fernando Rd., Glendale, Calif. Representative: L. J. Smith Co., 8346 Beverly Blvd., Los Angeles; L. H. Harriss Sales, 383 Brannan St., San Francisco; Samuel Stroum Co., 1612 Broadway, Seattle.

PETERSEN ENGINEERING CO., 460 Kifer Road, Santa Clara, Calif.—Sold thru General Electric Supply Co., Graybar Electric Co., Inc., all principal cities; Arizona Cedar Rapids Co., 1726 W. Jackson St., Phoenix; American Equipment & Body Co., 2315 4th St., Los Angeles; Calavar Corp., 2700 S. Broadway, Los Angeles; Fornaciari Co., 5350 E. Washington, Los Angeles; Utility Body Co., 1530 Wood St., Oakland; Coast Equip. Co., 444 8th St., San Francisco; Maydwell & Hartzell, Inc., 158 11th St., San Francisco; Truck Equipment Co., 3963 Walnut St., Denver; Crater Lake Machinery Co., Medford, Ore., Feenaughty Machinery Co., 112 E. Belmont St., Portland; Howard Cooper Corp., 5821 N.E. Glisan, Portland; Schetky Equipment Corp., 1810 S.E. 10th St., Portland; Pole-Line Dist. Co., 405 W. 13th, Salt Lake City; Cole Commercial Co., 3423 Fourth Ave. S., Seattle; Wittenberg Motor Co., 2101 5th Ave. West, Seattle; Murphy - Campbell Co., 3714 S. Tacoma Way, Tacoma.

P&S

For the Complete Line of Dependable P & S Wiring Devices . . . Consult your nearest P & S Sales Representative.

SAN FRANCISCO
Keith Bering
1350 28th Ave.

LOS ANGELES
J. G. Pomeroy Co.
1004 East Fourth St.

PORTLAND
Shaffer & Nelson
139 S.E. Taylor St.

SEATTLE
Shaffer & Nelson
312 Occidental Ave.

SPOKANE
Shaffer & Nelson
W. 1835 Broadway

DENVER
Sales Engineers, Inc.
211-212 Wazee Market

SALT LAKE CITY
Sales Engineers, Inc.
2269 McClelland

ALBUQUERQUE
Sales Engineers, Inc.
925 Madison St., N.E.

PASS & SEYMOUR
INCORPORATED
Syracuse 9, New York

DAN KAMPHAUSEN CO.
AND
POLE INSPECTORS & TREATERS, INC.

•

Extending the life of standing poles for most utilities in the West for over 15 years. Our service includes inspection and treatment of standing poles both above ground-line and below ground-line.

Over 3 Million Poles Treated Below Ground-Line with Osmoplastic

General Office—Continental Oil Bldg., Denver, Colo.
Paul Ousley, 10710 S.W. Elysium Ave., Portland, Ore.
Frank Stogdill—2225 West Capitol Ave., West Sacramento, Calif.

PETERSON RADIO, Newman Industries, Council Bluffs, Ia.—Joe Davidson & Associates, 2803 Los Flores Blvd., Lynwood, Calif.

PFAFF & KIMBALL, 84 Foundry St., Newark, N. J.—Forest E. Pope, 1401 Floribanda Ave., Burlingame, Calif.; Wm. J. Cottrell, 4006 S.W. Macadam Ave., Portland; Hamilton Associates, 1236 Elati St., Denver. (See adv p. 47.)

PHALO PLASTICS CORP., 25 Foster St., Worcester 8, Mass.—Meyer & Ross, 113 10th St., San Francisco; H. George Shefler Co., P.O. Box 1687, Phoenix; Tubergen Associates., 2232 W. 11th St., Los Angeles 6. Richard Legg Co., 3834 S.E. Milwaukie Ave., Portland 2.

PHAOSTRON CO., 151 Pasadena Ave., South Pasadena 1, Calif.—Richard Legg, 3834 S.E. Milwaukie Ave., Portland 2; L. A. Nott and Co., 1061 Howard St., San Francisco; Frank A. Emmet Co., 2837 W. Pico Blvd., Los Angeles 6; Peyser & Co., 1501 N. Weber St., Colorado Springs, Colo.

PHELPS DODGE COPPER PRODUCTS CORP., Habirshaw Cable & Wire Div., 40 Wall St., New York City—Branch Offices: 6100 Garfield Ave., Los Angeles 22; Homer L. Hussey, Mgr., Exchange Block Bldg., 369 Pine St., San Francisco 4; George A. O'Brien, Mgr., 505 Skinner Bldg., Seattle 1; R. A. Baylee, Representative, 1220 S.W. Stark St., Portland 5

PHILADELPHIA ELECTRICAL & MFG. CO., 1200-36 N. 31st St., Philadelphia, Pa.—Keeler, White Co., 615 7th St., San Francisco; 302 N.W. 4th Ave., Portland; 436 Colyton Ave., Los Angeles and 1041 6th Ave. B, Seattle; L. M. Slusser, 318 Dooly Block, Salt Lake City; Hamilton Associates, 1236 Elati St., Denver; Barney Hartley Enterprises, P. O. Box 4381, Phoenix.

PHILCO CORPORATION, C and Tioga Sts., Philadelphia 34, Pa.—Branch Offices: C. E. Lindstrom, Sales Mgr., Western Div., 650 Russ Bldg., San Francisco; H. T. Waller, Div. Mgr. So. Calif. Div., 408 So. Spring St., Los Angeles; Harp Dowell, Div. Mgr., Pacific Mt. Div., 650 Russ Bldg., San Francisco. Sold through leading wholesale distributors and dealers.

PHILCO CORP., Dexter Div., 501 N. 8th St., Fairfield, Iowa—Duchess Brand: E. J. Jordan & Associates, 9130 Sunset Blvd., Los Angeles 46. Dexter and Haag: Clyde Allen, 1355 Market St., San Francisco: Philco-Los Angeles: 3631 Union Pacific Ave., Los Angeles 23 and 687 7th St., San Francisco; Dallman Co., 6th and Q, Sacramento - Devlin - Drew Co., 165 Broadway, Fresno; Radio Tele & Appl. Inc., 500 Westlake North, Seattle 9; Guy W. Plank Co., East 21 Gray Ave., Spokane; J. Vear Hansen, 547 Douglas, Salt Lake City; P. E. O'Hair & Co., 945 Bryant St., San Francisco.

PHILLIPS CONTROL CORP., 59 West Washington, Joliet, Ill.—Jay B. Wilcox, 5410 Wilshire, Los Angeles; Charles Mauldin, 180 University, Palo Alto, Calif.

PHOENIX GLASS CO., 9th St., Monaca, Pa. — Robt. G. Knopp, Architects Bldg., Los Angeles.

PHOTOSWITCH, Div., Electronics Corp. of America, 77 Broadway, Cambridge, Mass.—Branch Office: W. F. Featherstone, 1485 Bayshore Blvd., San Francisco. Agents: Eicher & Co., Inc., 263 Colman Bldg., Seattle; Leonard M. Slusser, 318 Dooly Bldg., Salt Lake City; Pacific Controls Ltd., 1042 Davie St., Vancouver, B. C.; East Point Sales Co., 602 Empire St. Bldg., Spokane; Automatic Control & Equip. Co., 1925 Blake St., Denver; Hundley Co., 2532 Fletcher St., Los Angeles; Comming Controls, 7 Front St., San Francisco.

PHOTOVOLT CORP., 95 Madison Ave., New York City 16—Arthur E. Booth, 265 S. Alexandria Ave., Los Angeles 4.

PIEPER-LILLARD, INC., 122 No. Kirkwood Rd., St. Louis 22, Mo.—James R. Kearny Co., thru Maydwell & Hartzell, San Francisco, Los Angeles, Spokane, Seattle, Portland and Phoenix.

PIERCE RENEWABLE FUSES, INC., Box F, Leicester, N. Y.—Walter E. Wallace Co., 445 Bryant St., San Francisco; The McLoughlin Co., 811 East 14th Place, Los Angeles; E. C. Wilson Co., 1149 Sixth Ave., Edmonds, Wash.; Harvey M. Olmstead Co., 2755 Blake St., Denver.

PIONEER GEN-E-MOTOR CORP., 5841 W. Dickens Ave., Chicago, Ill.—Generator Equip. Co., 3409 Jefferson Blvd., Los Angeles; Pacific Wholesale Co., 116 N. Ninth St., San Francisco; B. F. Shearer Co., 2318 Second Ave., Seattle; Simpson-Maxwell Co., 1931 W. George St., Vancouver, B. C.

PIONEER TOOL CO., 5008 W. Jefferson, Los Angeles 16, Calif.—George Davis, 5127 Whittier Blvd., Los Angeles 22; David H. Ross, 1355 Market St., San Francisco; Frank Wedel, 3215 Western Ave., Seattle 9; A. J. Nelson, P.O. Box 2244, Denver.

PIPE COUPLINGS MFGRS., INC., P.O. Box 488, Martins Ferry, Ohio—F. M. Nicholas Co., 714 Harrison St., San Francisco 7; Kenneth Anderson Co., 412 Seaton St., Los Angeles 13 and 244 South First Ave., Phoenix.

PITTSBURGH COIL CO., Box 700, Carnegie, Pa.—Wm. Belfer, 926 Howard St., San Francisco; Perlmuth-Colman & Associates, 2419 So. Grand Ave., Los Angeles 7.

PITTSBURGH LECTROMELT FURNACE CORP., Foot of 32nd St., Pittsburgh, Pa.—E. A. Wilcox Co., 277 7th St., San Francisco; 2202 S. Atlantic Blvd., Los Angeles and Arctic Bldg., Seattle; J. B. Ambler, P.O. Box 591, Denver; Riter Engineering Co., Kearns Bldg., Salt Lake City.

PITTSBURGH REFLECTOR CO., Oliver Bldg., Pittsburgh, Pa.—L. D. Morgan, 235 Securities Bldg., Seattle 1; Leonard Slusser, 318 Dooly Bldg., Salt Lake City 1. Harry Linch Co., 1690 Detroit St., Denver; Herbert R. Kaewert, 750 Natoma St., San Francisco; S. E. Gardner, 459 Ocampo Dr., Pacific Palisades, Calif.; H. J. Fender, 1620 East Earll Dr., Phoenix.

PITTSBURGH STANDARD CONDUIT CO. (Formerly Enameled Metals Company) 61 Bridge S., Pittburgh 23, Pa.—Allied Industries, 412 Seaton St., Los Angeles 13; Keeler White Co., 615 Seventh St., San Francisco and in following cities: 1041 Sixth Ave. South, Seattle 4; 322 N.W. Fourth Ave., Portland 9; Fred E. Staible & Sons, 2046 Arapahoe St., Denver 2; Stevens Sales Co., 41 Post Office Place, Salt Lake City 10; Gordon W. Laursen & Son, 1116 Dartmonth Dr., N.E., Albuquerque.

PLASTIC WIRE & CABLE CORP., East Main St., Jewett City, Conn.—Bruce-Emmett Co. in following cities: 830 S.E. Alder St., Portland 9; 1016 First Ave. South, Seattle 4; F. M. Nicholas Co. 714 Harrison St., San Francisco; Kenneth Anderson Co., 412 Seaton St., Los Angeles 13.

PLASTICS CO., E. Z., Lenni, Pa.—Jim Sherriffs Co., 1105 So. La Brea, Calif.; Ed Siegert Agency, 326 Builders Exchange Bldg., Portland, Ore.

PLASTIMAYD PRODUCTS CORP., 931 S.E. 6th Ave., Portland 14.

PM ELECTRICAL PRODUCTS, INC., 203 N. Wabash Ave., Chicago, Ill.—Keeler White Co., 302 N.W. 4th Ave., Portland, 1041 Sixth Ave. South, Seattle 4; F. M. Nicholas Co., 714 Harrison St., San Francisco; Kenneth Anderson 412 Seaton St., Los Angeles; Peyser and Co., 1501 N. Weber St., Colorado Springs, Colo.

POLES, INC., E. 706 Sprague Ave., Spokane, Wash.—Kirk-Palka Co., 415 Wall St., Los Angeles and 420 Market St., San Francisco; John Eiggren, 428 S.W. Temple, Salt Lake City; Hamilton Associates, 1236 Elati St., Denver.

POLE INSPECTORS & TREATERS, INC., Continental Oil Bldg., Denver, Colo.—Dan Kamphausen, Continental Oil Bldg., Denver. (See adv page 46.)

POLE SPRAYERS INC., 980 Ellicott St., Buffalo, N. Y.—Dan Kampheusen, Continental Oil Bldg., Denver.

POLIS MFG. CO., J. D., 2900-20 W. 26th St., Chicago, Ill.—M. D. Jonnston Co., 464 East 4th St., Los Angeles, and 678 Howard St., San Francisco; Collins H. Gilliett, 2501 Crestmont Pl., Seattle 99.

POLLAK LUMINESCENT CORP., 732 S. Federal St., Chicago 5, Ill.—P. A. Douden, 1645 Wazee St., Denver.

POLYMER CORP. OF PENNA., Reading, Pa.—E. Jordan Brookes Co., 5138 W. Jefferson Blvd., Los Angeles.

PORCELAIN INSULATOR CORP., 761 Main St., Lima, N. Y.—Joslyn Pacific Co. in following cities: 5100 District Blvd., Los Angeles 58; 180 Potrero Ave., San Francisco 3; 808 N.W. 16th Ave., Portland 9; 2424 First Ave. South, Seattle 4.

PORCELAIN PRODUCTS, INC., 422 W. Sandusky St., Findlay, Ohio—Low Voltage: Allied Industries, 412 Seaton St., Los Angeles; George A. Gray Co., 2720 17th St., San Francisco 10; E. A. Will, 534 First Ave. S. Seattle; Leonard M. Slusser, 318 Dooly Block, Salt Lake City; H. M. Olmstead, 3755 Blake St., Denver; Associated Engineers, 701 N. Kansas St., El Paso. High Voltage: Industrial Eng. & Equipment Co., 720 Subway Terminal Bldg., Los Angeles; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver; Garland-Affolter Eng., Corp., 58 Sutter St., San Francisco; Shaffer Nelson, 139 S.E. Taylor St., Portland, and N. 2205 Monroe, Spokane.

PORTABLE ELECTRIC TOOLS, INC., 320 W. 83rd St., Chicago 20, Ill.—M. L. Bud Cohn, 1323 Venice Blvd., Los Angeles 6; Sid Scheibert & Lory Fuehsmann, 1485 Bayshore Blvd., San Francisco.

PORTER CABLE MACHINE CO., 1714 Saline St., Syracuse, N. Y. Branch Office: 1101 20th St., San Francisco 7, Calif.—J. I. Dean, Zone Mgr.

PORTER COMPANY, 1944-52 Sheridan Rd., North Chicago, Ill.—Northwest Sales & Eng. Service Co., 915 Terminal Sales Bldg., Seattle; A. W. Nash, 3312 W. Vernon, Los Angeles 8.

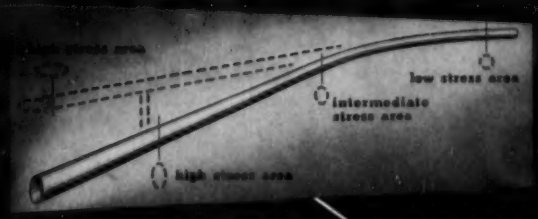
POSITIVE LOCK WASHER CO., 181 Miller St., Newark 6, N. J.—Maydwell & Hartzell, Inc., in following cities: 1238 N. W. Glisan St., Portland; 306 Dexter Ave., Seattle; 427 West 5th St., Los Angeles; 870 Tennessee St., San Francisco; 814 Paulsen Bldg., Spokane; 824 S. Second Ave., Phoenix.

POST-GLOVER ELECTRIC CO., 221 W. 3rd St., Cincinnati, Ohio—E. M. Ryals Co., 461 Market St., San Francisco 5; John Hyatt Co., 1709 W. 8th St., Los Angeles, Calif., Joseph F. Taraba Co., 1121 S.E. 72nd Ave., Portland 16, Ore.

POTTER & BRUMFIELD, Princeton, Indiana—C. E. Ault Associates, 625 Laurel Ave., Menlo Park, Calif.; Fred H. Haight, 3212 Eastlake Ave., Seattle 2; G. S. Marshall Co., 40 S. Los Robles, Pasadena, Calif.

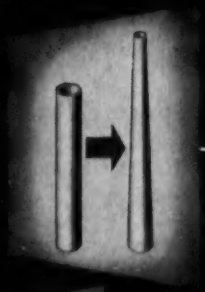
POTTER & RAYFIELD, INC., 1570 Northside Dr., Atlanta, Georgia—Electrical Specialty Co., 1101 Stout St., Denver 6; Tri-State Supply Corp., 544 S. San Pedro St., Los Angeles 13, and 554 Bryant St., San Francisco 7; 318 Occidental Ave., Seattle.

PRACTICAL ELECTRIC CO., Melvindale, Mich.—C. B. Parsons, 3028 1st Ave., Seattle.



FIRST to provide ample strength in all-aluminum arms and arm-shaft joints through patented, seamless elliptical arms requiring no bracing for lengths up to 8 feet. On longer arms, one horizontally elliptical member, integrally welded to the arm, eliminates need for side-sway bracing.

FIRST to develop fabricating equipment and methods to permit use of high strength aluminum alloys.



FIRST to develop and produce seamless, tapered shafts from high-strength, extruded tubing in a wide range of diameters.

Seven firsts . . . . . All are P&K

FIRST to pioneer the Aircomatic method of welding for fast, strong welds and negligible deterioration of alloy strength. All P & K welds are guaranteed . . . all P & K welding personnel and equipment is certified by U. S. Government agencies.

FIRST to stress use of castings of heat-treatable aluminum alloy; and first to introduce permanent mold castings for transformer bases, shoe and pedestal bases . . . with smooth surfaces and strong grain structure.

FIRST to eliminate unnecessary scrolls, tie-rods and other ornamental frills.

FIRST to design and build its own tapering machine to handle all diameters of extruded aluminum tubing.

P & K . . . Producer of America's Most Modern All-Aluminum Standards and Brackets

FOR LIGHTING

TRAFFIC SIGNAL POSTS—TRAFFIC AND COMMERCIAL SIGN POSTS

SEVEN P & K FIRSTS! They add up to this: P & K All-Aluminum Standards, Arms and Posts do the job better, easier and at far less cost than any other "pole" of any other material or design.

WRITE FOR THE NEW P & K CATALOG . . . and use the planning and advisory services without obligation.

Pfaff & Kendall

84 Foundry Street
Newark 5, New Jersey

K. M. RYALS COMPANY

Representing:

Schwager-Wood Corp.

HIGH VOLTAGE SWITCHING EQUIPMENT
- Complete line of station and line switches, interrupters, bus fittings and structures

Preformed Line Products Co.
- Armor Rods
- Guy Grips
- Dead-Ends
- Line-Guards
- Splice Rods

Erico Products, Inc.
CADWELD ELECTRICAL CONNECTIONS
- Copper to copper
- Copper to steel
- Permanent, high conductivity connections

Safety Live Line Tool Company
QUALITY HOT LINE TOOLS AND EQUIPMENT

Ansonia Wire & Cable Co.
PLASTIC TYPE TELEPHONE, COMMUNICATION AND SIGNAL WIRE & CABLE

The Post-Glover Electric Co.
CHROMIUM STEEL GRID RESISTORS
HEAVY DUTY RHEOSTATS

Wama Company
ADD-A-POINT TERMINAL BLOCKS
- Pressure or screw type terminals

Interstate Drop Forge Company
HELWIG POWER LINE TOOLS
- Cutters—wire, presplice, bolt, rod and chain

YUkon 2-5510

K. M. RYALS COMPANY

461 Market St.
San Francisco 5, Cal.

PRECISION APPARATUS CO., INC., 92-27 Horace Harding Blvd., Elmhurst, N. Y.—C. R. Strassner Co., 1865 N. Western Ave., Los Angeles; Northwestern Agencies Inc., 4130 1st Ave. So., Seattle 4; A. J. Nelson Co., P.O. Box 5502, Denver.

PRECISION THERMOMETER & INSTRUMENT CO., 1434 Brandywine St., Philadelphia 30, Pa.—Denver Fire Clay Co., P. O. Box 5510, Denver, P. O. Box 497, Albuquerque, 1309 Texas St., El Paso and P. O. Box 836 Salt Lake City; Gene D. Pribble Co., 5416 East Beverly Blvd., Los Angeles 22; Rodman & Co., 420 Market St., San Francisco 11; The Burhans-Sharpe Co., 1743 First Ave. S., Seattle 4.

PRECISION TRANSFORMER CO., 660 W. Grand Ave., Chicago, Ill.—Garnett - Young & Co., 390 Fourth St., San Francisco, 503 Polson Bldg., Seattle, 1238 N.W. Glisan St., Portland, 6131 N. 18th Dr., Phoenix, and 910 E. Third St., Los Angeles 13.

PRECISION WELDER MFG. CO., 660 West Grand Ave., Chicago 10, Ill.—Pacific Electric Sales Co., 140 S.E. 28th Ave., Portland.

PRE-FAB HEATER CO., INC., Guildford, Conn.—Montgomery Bros., 1122 Howard St., San Francisco; 2113 S. San Pedro, Los Angeles; 911 Western Ave., Seattle; 1632 N. W. Johnson, Portland.

PREFORMED LINE PRODUCTS CO., 5349 St. Clair St., Cleveland 14, Ohio—Pacific Utilities Supply Co., 550 9th St., San Francisco; Earl S. Condon Co., 3460 Wilshire Blvd., Los Angeles; Shaffer & Nelson, 139 S. E. Taylor St., Portland, 312 Occidental Ave., Seattle, N. 2205 Monroe St., Spokane; Peterson Co., 4949 Colorado Blvd., Denver.

PREMAX PRODUCTS, Div. Chisholm-Ryder Co., Inc., Highland & College Ave., Niagara Falls, N. Y.—Ken H. Best, 541 1st Ave. So., Seattle; A. L. Dickson, 1259 Clark Road, Paradise, Calif.; Gordon G. Moss, Box 428, Greeley, Colo.

PREPO CORP., Chicago, Ill.—Lynn & Brooks, 3055 Wilshire Blvd., Los Angeles and 2048 Market St., San Francisco.

PRESCOLITE MFG. CORP., 2229 4th St., Berkeley, Calif.—Branch—923 E. Third St., Los Angeles; A. L. Perdue, 4305 Ravenwood Ave., Sacramento; John Allen Ware & Associates, 301 West G St., San Diego, and Phoenix; Gleason's, 657 East 45th St., Seattle; J. E. Christensen, 247 E. Fifth South, Salt Lake City; Kenneth B. Schumann, 1073 Galapago St., Denver.

PREST-O-LITE BATTERY CO., INC., P. O. Box 931, Toledo, Ohio—Branch Office: P. O. Box 97, Elmhurst Station, Oakland, Calif.

PRESTO RECORDING CORP., Box 500; Paramus, N.Y.—Lee Owens, 2331 W. Washington Blvd., Los Angeles; Wm. J. Purdy, 312-7th St., San Francisco; Marsh Agencies, 2801 First Ave., Seattle; Franklin Y. Gates, 200 S. Main St., Salt Lake City.

PREWAY, INC., Wisconsin Rapids, Wis.—Paul Rice Co., 1355 Market St., San Francisco.

PRICE ELEC. CORP., Church & Second, Frederick Md.—W. S. Harmon Co., 121 No. Robertson Blvd., Beverly Hills, Calif.; Verner O. Jensen Co., 2616 Second Ave., Seattle.

PRINGLE ELECTRICAL MFG. CO., 1906 N. 6th St., Philadelphia, Pa.—Oliver B. Lyman, 56 New Montgomery St., San Francisco 5. Don Porter, 1117 So. Robertson Blvd., Los Angeles 35.

PRITCHARD, J. F. & COMPANY, 908 Grand Ave., Kansas City, Mo.—The Fulcher Co., 58 Sutter St., San Francisco 4; Louis E. Purmort, 12141 Muriel Drive (Lynwood), Los Angeles; Thermal Engineering Co., 324 Sun Bldg., Boise; Sullivan Valve & Eng. Co., 909 E. Second St., Butte; Stapp Engineering Co., 512 Tabor Bldg., Denver; Karlson Machine Works, 605 E. Grant, Phoenix; Brod & McClung, 31 N. W. First St., Portland; Thermal Engineering, 1433 Harvard, Salt Lake City; Sullivan Valve & Eng. Co., P.O. Box 2208, Spokane and P.O. Box 1583, Great Falls, Mont.

PROCTOR ELECTRC CO., 322 W. Hunting Park Ave., Philadelphia, Pa.—F. J. Davis, 635 So. Kenmore, Los Angeles 5; A. S. Newark, 1059 Union St., San Francisco 10; R. E. Carigren, 3700 E 42nd St., Seattle 5; Kenneth J. Dahm Co., 1164 Elati St., Denver.

PROCUNIER SAFETY CHUCK CO., 18 S. Clinton St., Chicago, Ill.—A. C. Behringer, 334 N. San Pedro St., Los Angeles 12; J. C. Fletcher, 1415 Folsom St., San Francisco 3; D. H. Lundin & Co., 1127 E. Northlake, Seattle.

PRODELIN, INC., 307 Bergen Ave., Kearney, N. J.—Maydwell & Hartzell, Inc., 870 Tennessee St. San Francisco 3; 427 W. Fifth St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; 306 Dexter Ave., Seattle 4; 814 Paulsen Bldg., Spokane 8, and 324 S. 2nd Ave., Phoenix, and Graybar Elec. Co., Inc.

PRODUCTION INSTRUMENT CO., 710 W. Jackson Blvd., Chicago 6, Ill.—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles 16 and 61 Renato Court, Redwood City, Calif.; 909 N. First St., Phoenix; C. B. Parsons, 3028 First Ave., Seattle 1.

PRODUCTION PLANNING CO., Allen Cooler & Ventilator Div., 704 Woodward Ave., Rochester, Mich.—(See Allen Cooler & Ventilator, Inc.

PRODUCTO ELECTRIC CO., 932 Rogers Place, New York City 59—The Curry Co., 736 18th Ave., San Francisco.

PROGRESS MFG. CO., INC., 1401 Germantown Ave., Philadelphia, Pa.—M. B. Walker, Lakota Star Route, Tacoma, Wash., Harry Katz, 1931 Bay St., Los Angeles 64.

PROMETHEUS ELECTRIC CORP., 50 Webster Ave., New Rochelle, N. Y.—William C. Newton, 656 S. Los Angeles St., Los Angeles 14.

PROTECTOWIRE CO., Washington St., Hanover, Mass.—Branch Offices: Protectowire Pacific Co., Hampton Bldg., Longview, Wash., 708 Fourth Ave., Oakland.

PRYNE & CO., INC., 140 N. Towne Ave., Pomona, Calif.—Branch Office: 1561 W. Venice Blvd., Los Angeles; McMillen-Stanley Sales Corp., 778 Natoma St., San Francisco; W. H. Cress Co., Concord Bldg., Portland 4; John W. Reynolds, 1479 S. Main St., Salt Lake City; Gaer Sales, 1470 Galapago St., Denver; Gordon W. Laursen Son, 1116 Dartmouth Dr. N. E., Albuquerque; Norwest Co., 330 Second Ave. West, Seattle; Wm. Benndorf Co., P. O. Box 1926, Phoenix; Cochrane-Stephenson, (Western) Ltd., 780 Beatty St., Vancouver, B. C.

PURE CARBON CO., Wellsville St., St. Marys, Pa.—Northwest Sales & Engineering Service Co., 915 Terminal Sales Bldg., Seattle; A. J. Nelson, P. O. Box 2244, Denver; C. J. Gratiot & Sons, 1282 Folsom St., San Francisco and R. F. Gratiot, 525 Crocker St., Los Angeles 13; Clyde L. Webb, P.O. Box 9322, Fort Worth.

PYLE NATIONAL CO., 1334 N. Kostner Ave., Chicago 51, Ill.—Branch Office: 988 Market St., San Francisco 5, Mr. Joe Hess, District Mgr. H. R. Benike, 837 Traction Ave., Los Angeles, Dist. Mgr. C. F. Selby, 2014 Third Ave., Seattle 1. Agents: Sales Engineers Co., 2269 McClelland St., Salt Lake City and 211-212 Wazee Market, Denver; P. O. Box 796, Albuquerque.

PYRAMID ELECTRIC CO., 1445 Hudson Blvd., North Bergen, N.J.—E. L. Berman Co., 758 Natoma St., San Francisco; Fred H. Haight Co., (Industrial) 3212 Eastlake, Seattle. Frank Wendel Co., distributor, 3215 Western Ave., Seattle; Jack Berman Co., 1141 So. La Cienega Blvd., Los Angeles, Calif.

PYRAMID INSTRUMENT CORP., 630 Merrick Rd., Lynbrook, N Y.—Allied Industries, 412 Seaton St., Los Angeles; F. M. Nicholas Co., 714 Harrison St., San Francisco; Northwestern Agencies, Inc., 4130 First Ave. So., Seattle; L. S. Reed Co., 1018 Lawrence St., Denver; Glidden Eng. & Equipment Co., 2802 Winchester St., Houston.

PYRENE MFG. CO., U.S. Highway 1, Newark 1, N. J.—Ben S. Allen, Pacific Coast Mgr., 1177 Mission St., San Francisco 3.

PYROMETER INSTRUMENT CO. INC., 92 Portland Ave., Bergenfield, N.J.— Berkley Engineer & Equipment Co., 2439 Riverside Dr., Los Angeles 39; Herman E. Held, 147 10th St., San Francisco 5; Instrument Sales Co., Inc., 2137 Second Ave., Seattle; Wm. Z. Harrison Co., 436 Atlas Bldg., Salt Lake City; Champion Specialty Co., 2651 So. Broadway, Denver; Industrial Instr. Supply Co., 120 No. Division St., Spokane.

QUADRANGLE MFG. CO., 32 So. Peoria St., Chicago 7, Ill.—Keeler, White Co., 615 7th St., San Francisco 3 and 322 N. W. Fourth, Portland; 1041 Sixth Ave., Seattle; A. Allen Smith, 1513 Mateo St., Los Angeles.

QUALITY GLASS CO., Van Voorhis, West Va.—M. B. Walker, Lakota Star Rte., Tacoma, Wash.; E. B. Cook Co., 1063 Howard St., San Francisco; J. D. Reynolds, 3201 Dos Palos Dr., Los Angeles.

QUALITY PRODUCTS CO., 387 Charles St., Providence 7, Rhode Island—Harry F. Ream Sales Agency, 1028 Champa St., Denver; Pete Bach Electric, 1233 N.W. 12th Ave., Portland 9.

RCA ESTATE APPLIANCE CORP., (Now Whirlpool Seeger)

R & I E EQUIPMENT DIV., of I-T-E Circuit Breaker Co., Greensburg, Pa. — District Offices: 320 Fourth St., San Francisco 7, Denham Bldg., 635 18th St., Denver 2, 130 S. Atlantic Blvd., Los Angeles 21. Sales Agents: Garland Affolter Eng. Corp., 1233 N.D. 12th St., Portland 9 and 2603 Western Ave., Seattle 1; Central Station Equipment Co., 2323 Aviation Highway, Tucson; Butler & Land, 5538 Dyer St., Dallas; Eleg'l & Mechanical Supply Co., Inc., 2000 Texas St., El Paso; R. E. McDonough Co., 529 Maryland Ave., Butte, Mont.; Riter Engineering Co., 314 Kearns Bldg., Salt Lake City 1.

R T & E CO., (Formerly Rural Transformer & Equip. Co.), 1900 E. Ninth St., Waukesha, Wis.—J. E. Annable, 5710 Holls Lake Way, Lynnwood, Wash.; E. A. Reid, 416 Yellowstone Ave., Billings, Mont.; W. G. Mills, 2101 N. Airport Way, Spokane; Roy R. Peck & Associates, 103 N. Santa Anita, Arcadia, Calif.

RACON ELECTRIC CO., INC., 1261 Broadway, New York City 1; —Wm. H. and Don C. Wallace, 1206 Maple Ave., Los Angeles 15; A. J. Nelson Co., 1639 Blake St., Denver 1; Frank Wedel Co., 3215 Western Ave., Seattle 99.

RADELCO MFG. CO., 7580 Garfield Blvd., Cleveland, Ohio—Barstow & Doran, 1406 S. Grand Ave., Los Angeles.

RADIANT GLASS CO., P. O. Box 119, Fort Smith, Ark.—E. B. Cook Co., 1063 Howard St., San Francisco; L. S. Reed & Co., 1018 Lawrence St., Denver 4; J. R. Penning, 2323 2nd Ave., Seattle 1; Joe E. Pearce & Associates, P. O. Box 1406, Albuquerque, N. M.; W. A. McGuire, 164 S. Central Ave., Los Angeles 12.

RADIANT LAMP CORP., 300 Jelliff Ave., Newark, N. J.—Branch Office: 7746 Bonner Ave., Sun Valley, Calif. Sold by leading electrical wholesalers all principal cities.

RADIANT LIGHTING FIXTURE CO., INC., 230 5th Ave., New York City 14—P. D. Meid & Co., 712 So. Olive St., Los Angeles.

RADIART CORP., 3455 Vega Ave., Cleveland, Ohio—W. Bert Knight, 10373 W. Pico Blvd., Los Angeles; Bill Kolans & Co., 101 San Felipe Ave., South San Francisco.

RADIATION COUNTER LABORATORIES, INC., 5122 W. Grand St., Skokie, Ill.—Wallace & Wallace, 1206 Maple Ave., Los Angeles 15; White & Co., 788 Mayview Ave., Palo Alto, Calif.

RADIO CITY PRODUCTS CO., INC., Centre & Glendale Sts., Easton, Pa.—M. K. Widdekind, 216 First Ave. North, Seattle; W. B. Galliher, 1003 Grandview Ave., Boulder, Colo.; Syd Jurin Co., 4853 Oakwood Ave., Los Angeles; William Kolans, 101 San Felipe Ave., S., San Francisco.

RADIO CRAFTSMEN, INC., 4401 N. Ravenswood, Chicago, Ill. —Jack Berman Co., 1141 S. La Cienega, Los Angeles; W. J. Purdy Sales Co., 312 Seventh St., San Francisco; R. Merritt Co., 120 W. Thomas St., Seattle.

RADIO FREQUENCY LABORATORIES, INC., Boonton 6, N. J. —Herman E. Held, 147 10th St., San Francisco; E. S. Sievers, 1662 Hillhurst Ave., Los Angeles.

RADIO RECEPTOR CO. INC., 251 W. 19th St., New York City 11—James J. Backer Co., 2321 Second Ave., Seattle 1; Les Logan Co., 154 8th St., San Francisco; Martin Mann Associates, 8346 Beverly Blvd., Los Angeles; Franklin Y. Gates, Albuquerque and Salt Lake City.

RADION CORP., 1130 W. Wisconsin, Chicago 14, Ill. Paul Prietsch, 1355 Market, San Francisco; Bob Chaffer, 235 N. Buffalo, Portland; Tubergren Associates, 2232 W. 11th St., Los Angeles; Hyde Sales Co., 3250 S. Dexter, Denver.

RADIX WIRE CO., 26260 Lakeland Blvd., Cleveland, Ohio—Brill Electric Sales, 446 Bryant St., San Francisco; Bruce-Emmett Co., 1016 First Ave. S., Seattle and 830 S. E. Alder St., Portland; McLoughlin Co., 811 East 14th Place, Los Angeles.

RAKIT CORP. (See T. J. Cope Inc.)

RALCO MFG. CO., 123 N. Albany Ave., Chicago, Ill.—General Electric Supply Co., all principal cities.

RAM ELECTRONICS SALES CO., S. Burkhout St., Irvington-on-Hudson, N. Y.—David H. Ross Co., 534 El Camino Real, San Carlos, Calif.

RAMBUSCH DECORATING CO., 40 W. 13th St., New York 11, N. Y. —J. Brundage, 288 7th St.

RAMSET, Div. Olin Industries, Inc., 12117 Berea Rd., Cleveland, Ohio—Cascade Distributors, 1918 First Ave. South, Seattle 4; Thunderbird Sales, 410 S. First St., Phoenix; Landes, Zachary & Peterson, 2500 W. 7th Ave., Denver 4, 153½ W. Second South St., Salt Lake City, 246 S. Nebraska St., Casper, Wyo., and 106 Amherst Dr., N. E., Albuquerque; T. V. Williams, 1689 Olive St., Eugene, Ore.; John A. Haynes, 5016 Olympic Blvd., Los Angeles 22; Samuel W. Winters, 1840 Williams St., San Leandro, Calif.

RANCO, INC., 601 West 5th Ave., Columbus, Ohio—Franklin G. Slazel, 3520 Council St., Los Angeles.

RANNY REFRIGERATORS, Greenville, Mich.—H. R. Basford, 235 15th St., San Francisco.

RANSOME CO., 4030 Hollis St., Emeryville, Calif.—Teeco Prod., Inc., 3500 E. 14th St., Los Angeles and 3116 N.E. Union, Portland; Butans Equip Co., 1708 S. Soto St., Los Angeles.

RAPID ELECTRIC CO., 2881 Middletown Road, New York City—L. H. Butcher, 15th and Vermont Sts., San Francisco and 3628 East Olympic Blvd., Los Angeles; Hanson Van Winkle Munning, 2424 Enterprise St., Los Angeles.

RAPID ELECTROPLATING PROCESS, INC., 1414 S. Wabash Ave., Chicago 5, Ill.—L. H. Butcher, 15th & Vermont Sts., San Francisco 1, 1703 Sixth Ave., Seattle 4, 3628 E. Olympic Blvd., Los Angeles 23.

RATTAN MFG. CO., 10 Wall St., New Haven 7, Conn.—Michel Brothers, 1015 E. 16th St., Los Angeles; Baxter Co., 101 Kansas St., San Francisco; Elec'l Eng. & Sales Corp., 2030 Texas St., El Paso; Northwest Sales Co., 1603 N.W. Johnson St., Portland; Wm. B. Proby, Seattle; J. C. Coulson, Phoenix; Wm. Proby & Associates, Seattle.

RAULAND-BORG CORP., 3515 W. Addison South, Chicago, Ill.—Nickerson & Rudat, 381 Brannan St., San Francisco; V. O. Jensen Co., 2616 Second Ave., Seattle; Bob Martin, 2204 S. La Brea Ave., Los Angeles 16.

RAWLPLUG CO. INC., 271 Church St., New York 13, N. Y.—Branch Offices: 735 E. Washington Blvd., Los Angeles 21; 1927 1st Ave. So., Seattle; 39 West 11th Ave., Denver 4; Eichorn & Melchior, 749 Bryant St., San Francisco.

RAY FITTINGS CO., Pasadena, Calif. Jim Shirreffs Co., 1105 S. La Brea, Los Angeles.

THE RAYMOND CORP., 143 Madison St., Greene, N. Y.—W. T. Billard, Inc., 734 E. 3rd St., Los Angeles; Air-Mac, Inc., 3838 4th Ave., Seattle 4, 1435 S.E. Union Ave., Portland and E. 3710 Trent St., Spokane; E. D. Flournoy Co., 420 S. 3rd Ave., Phoenix, 217 6th St. S.W., Albuquerque and 1224 E. Missouri St., El Paso; Murray Sales Co., 16 Wazee, Denver.

RAYTHEON MFG. CO., River St., Waltham, Mass.—Branch Office: 49 California St., San Francisco 11; 3224 Western Ave., Seattle 1 and 114 West B St., Wilmington, Calif.

RAYTHEON TELEVISION AND RADIO CORP., 5921 W. Dickens Ave., Chicago, Ill.—Walter J. Epstein, Inc., 390 9th St., San Francisco; James J. Kerwin Co., 1525 S. Flower St., Los Angeles; Modern Heating Supply, 3612 First Ave. South, Seattle; H. E. McMasters Co., 1010 Wyoming, El Paso; Contractors Heating & Supply Co., 70 Santa Fe Dr., Denver; Schafer-Wright, Inc., 1231 N.W. Hoyt St., Portland; Glenn Earl, Inc., 245 S. First West, Salt Lake City; Ellis Paint Co., 910 S. Arizona St., Butte.

INDUSTRIAL POWER SYSTEMS HANDBOOK

Compiled by a staff of experts at General Electric, this comprehensive reference book explains up-to-date industrial power system engineering practices for engineers, technicians, plant managers, and all concerned with the planning and maintenance of electrical facilities for industrial plants or commercial buildings. Gives a wealth of examples and includes a wide range of design data, largely from the experience of General Electric, presented in a simple, practical manner. **By Donald L. Beeman, Mgr., Ind. Power Sec., General Electric Co. 830 pp., 516 illus., $12.50**

POWER PLANT MANAGEMENT

This practical guide makes plain the techniques management men need to run a power plant smoothly and efficiently to put out dependable power at lowest practical cost. Covers a wide range of topics, from the purchasing and use of equipment, and its safe and efficient operation, to the hiring, training, and supervision of operators. Shows how to correlate and weigh objectives, costs, and equipment characteristics to determine best courses of action. Includes yardsticks for measuring effectiveness of management and supervision. **By H. H. Emerick, Consulting Mech. Eng., 339 pp., 74 illus., $6.50**

THE LINEMAN'S HANDBOOK

Third Edition

That transmission line fact you want is in this handy guide giving principles, data, methods, and cautions on all aspects of the lineman's work. Describes all the materials of line construction: poles, conductors, hardware, tools, electrical apparatus, etc. Comprehensive section on safety covers precaution methods, first aid, and individual prevention measures. Information on construction, testing and maintenance shows how to meet problems with right choice of materials and methods. Now thoroughly updated; includes new material on tower line erection, live line maintenance, pole climbing, gear signals for line work, etc. **By E. B. Kurtz, Prof. of Elec. Eng., U. of Iowa, 3rd Ed., 928 pp., 1020 illus., $10.00**

READ THESE BOOKS 10 DAYS FREE

McGRAW-HILL

McGraw-Hill Book Co.
Att. H. W. Buhrow
Industrial and Business Book Dept.
327 W. 41st St., N. Y. C. 36

Send me book(s) checked below for 10 days examination on approval. In 10 days I will remit for book(s) I keep, plus few cents for delivery costs and return unwanted book(s) postpaid. (We pay delivery costs if you remit with this coupon—same return privilege.)

☐ Beeman—**Industrial Power Systems Hdbk.**—$12.50
☐ Emerick—**Power Plant Management**—$6.50
☐ Kurtz—**The Lineman's Handbook**—$10.00

(Print)
Name.....
Address.....
City.....Zone.....State.....
Company.....
Position.....
For price and terms outside U.S., write McGraw-Hill Int'l, N.Y.C. WEST-11

Pacific Utilities Supply Co.—

Specialized Distributors for

PREFORMED LINE PRODUCTS CO.
REYNOLDS ALUMINUM CONDUCTOR
THE CADWELD PROCESS
AMERICAN STEEL AND WIRE CO.
ANDERSON BRASS WORKS, INC.

550 9th Street
San Francisco 3, Calif.
UNderhill 3-1182

REA MAGNET WIRE CO., INC., 3600 E. Pontiac St., Fort Wayne, Ind.—Frank A. Emmet, 2937 W. Pico, Los Angeles.

READY-POWER CO., 3828 Grand River & Avery St., Detroit, Mich. —Karl Moellendick, 7813 California Ave., Huntington Park, Calif.; Geo. Hundsorfer, 1424 11th Ave., Seattle.

REDMOND CO., INC.,—Owosso, Mich. — Norm Services, 1260 S. Boyle Ave., Los Angeles 23.

REEL-O-MATIC CORP. OF AMERICA, 401 2nd St., Columbia, Pa.—The Curry Co., 786 18th Ave., San Francisco; Electric Agencies, 618 Second Ave., Seattle 4.

REES, INC., MACKWORTH G., 1573 E. Forest, Detroit, Mich.—American Welding Equip. Co., D. Douglas MacKellar, 4617 E. Cecelia St., Bell, Calif.

REFRIGERATING SPECIALTIES, 3004 W. Lexington St., Chicago 12, Ill.—Refrigerating & Power Specialties Co., 330 Brannan St., San Francisco; 553 Harrison St., Seattle 9; 1134 S.E. Stark St., Portland 14; 1754 Fawcett Ave., Tacoma and 1253 N. Union St., Stockton, Calif.; California Refrigerator Co., 1077 Mission, San Francisco, 1105 Belmont Ave., Fresno and 449 23rd St., Oakland 12.

REGAL-LITE CORP., 16 Blackstone St., Providence, R.I.—Marc Marcus, 3631 Kalsman Dr., Los Angeles; Pete Bach Electric, 1233 N.W. 12th Ave., Portland.

REGENT-SAVOY ELEC'L. MFG. CORP., 589 North Ave., New Rochelle, N. Y.—James M. Tuite, 1802 Corona St., Dallas 14; Roth Sales Co., 1920 Grape St., Denver 7.

REGINA CORPORATION, Rahway, N. J.—Branch Office, 520 W. 7th St., Los Angeles 14. Sold thru leading wholesalers all principal cities.

RELIABLE ELECTRIC CO., 3145 Carroll Ave., Chicago 12, Ill.—S. M. Sherman, Box 1362, Los Altos, Calif. and H. C. Mitchell Jr., 12243 Shetland Lane, Los Angeles. Sold thru Graybar Electric Co., Inc., all principal cities. Joslyn Pacific Co., Los Angeles, San Francisco, Portland, Seattle and Salt Lake City.

RELIANCE AUTOMATIC LIGHTING CO., 1939 Mead St., Racine, Wis.—C. A. Meier, 1473 Harrison St., San Francisco 3; Ed Warburg Co., 1207 E 8th St., Los Angeles; H. D. Campbell & Associates, 501 Jones Bldg., Seattle; John Allen Ware & Associates, 301 W. G St., San Diego 1 and P. O. Box 4216 Commerce St., Phoenix. (See adv. page 51.)

RELIANCE ELECTRIC & ENGINEERING CO., 1088 Ivanhoe Rd., Cleveland, Ohio—Branch Offices: 128 No. B, San Mateo, Calif.; 5268 E. Washington Blvd., Los Angeles; Shaffer & Nelson Co., 139 S.E. Taylor St., Portland; 312 Occidental Ave., Seattle and N. 2205 Monroe St., Spokane; C. W. Silver Co., 550 W. 7th South St., Salt Lake City; Boyd Industrial Eng. Co., 213 N. 1st Ave., Phoenix and 112 W. Granite St., Albuquerque; Peterson Co., 4949 Colorado Blvd., Denver.

REMINGTON CORP., Willey St., Auburn, N. Y. — Distributors: Thomas Holmes, Ltd., 650 Second St., San Francisco; Coast Electric Co., 744 G St., San Diego.

REMINGTON RAND, INC., Electric Shaver Div., 60 Main St., Bridgeport, Conn.—Branch Offices: 41 First St., San Francisco; 2601 Wilshire Blvd., Los Angeles; 1910 Fourth Ave., Seattle; 525 S.W. Pine, Portland; N. 106 Monroe St., Spokane, 629 W. Colfax Ave., Denver. Branches in all principal cities.

REMLER CO., LTD., 2101 Bryant St., San Francisco, Calif (Marine Products)—Wm. R. Zinn., 6305 49th Ave. S.W., Seattle 6.

REON RESISTOR CORP., 117 Stanley Ave., Yonkers, New York Burt C. Porter Co., 4310 Roosevelt Way, Seattle; The Elecnair Co., 3905 Rowland Ave., Burbank, Calif.

REPUBLIC CREOSOTING CO., 1615 Merchants Bank Bldg., Indianapolis, Ind.—B. L. George, 1101 Arch Bldg., Los Angeles; L. B. Tollefson, Box 59, Rte. 2, Renton, Wash.; R. K. Nelson, Box 286, Provo, Utah.

REPUBLIC STEEL CORP., Steel & Tubes Div., 224 East 131st St., Cleveland, Ohio—Branch Offices: General Petroleum Bldg., Los Angeles 14; 225 Rialto Bldg., San Francisco 5; Continental Oil Bldg., Denver 2. Agents: J. C. Shaffer, 139 S.E. Taylor, Portland 14; E. H. Nelson, 312 Occidental Ave., Seattle 4; J. Wm. Hollister, W. 1835 Broadway, Spokane 10.

RESIN INDUSTRIES, P. O. Box 1589, Santa Barbara, Calif.—Angus-Campbell, Inc., 5320 Santa Fe Ave., Los Angeles 58, and 917 Bryant St., San Francisco 3; Tri-State Supply Corp., 544 S. San Pedro St., Los Angeles 13; 544 Bryant St., San Francisco 7 and 311 Occidental Ave., Seattle 4; Insulation Supply Co., Ltd., 779 East Pico Blvd., Los Angeles 21; Western Fibrous Glass Products Co., 3049 E. 12th St., Los Angeles 23, 739 Bryant St., San Francisco 7, and 2916 1st Ave. S., Seattle 4.

RESISTANCE PRODUCTS CO., 914 S. 13th St., Harrisburg, Pa.—J. W. Marsh Co., 4216 S. Jefferson Blvd., Los Angeles; Northwestern Agencies, 4130 First Ave. S., Seattle 4.

REVCO, INC., 2 E. Franklin Ave., Minneapolis 4, Minn.—R. Meussdorffer, 8468 Melrose Place, Los Angeles; Citrin Equipment Co., 2253 W. Barstow Ave., Fresno; W. J. Ballantyne, 1215 N.W. Everett St., Portland; McCartney-Denver Co., 1660 11th St., Denver.

REVCO INCORPORATED, 48 Dorset Ave., Deerfield, Mich.—Dist. Sales Mgrs., T. J. Rhay, 260 Kearney St., San Francisco and B. O. Blain, 2415 S.W. 146th St., Seattle.

REVCOR, 5201 N. Avondale Ave., Chicago, Ill.—W. A. Roben Co., 1001 Westlake N. Seattle 9; Karl O. Swanson, 35 N. Raymond Ave., Pasadena 1.

REVELL, INC., 4223 Ocean Park Ave., Venice, Calif.—Maydwell & Hartzell, Inc., 427 W. 5th St., Los Angeles; 870 Tennessee St., San Francisco; 1238 N.W. Glisan St., Portland; 324 South 2nd Ave., Phoenix. (See adv. page 75.)

REVERE COPPER & BRASS INC., 230 Park Ave., New York City—Branch Offices: W. E. Kalb, Dist. Mgr., 116 New Montgomery, San Francisco; W. H. Hitchcock, Vice-Pres., Pac. Coast Division, 6500 E. Slauson Ave., Los Angeles; K. H. Schwerin, Dist. Mgr., 314 Fairview Ave., Seattle.

REVERE CORP. OF AMERICA, Cox & Stevens Electronics Sales Div., Electronics Signal & Instr. Div., North Colony Rd., Wallingford, Conn.—Branch Office: Box 8, La Canada, Calif., Empire Eng. Co., 385 N. Green St., Pasadena, Calif.

REVERE ELECTRIC MFG. CO., 6009-17 Broadway, Chicago 40, Ill. —The Baxter Co., 101 Kansas St., San Francisco; The Darger Co., 328 W. 2nd St. S., Salt Lake City; L. S. Reed & Co., 1018 Lawrence St., Denver 4; R. E. Tweedy, 914 W. Madison St., Phoenix; John A. Schulter, 411 Weatherly Bldg., Portland; Robt. E. Jones, 444 Dexter Horton Bldg., Seattle; John E. Maddox, 914 E. 3rd St., Los Angeles.

REYNOLDS ELECTRIC CO., 3000 River Road, River Grove, Ill.—Seymour H. Kadin, 950 S. Flower St., Los Angeles 15.

REYNOLDS METALS CO., General Sales Office, 2500 S. 34th St., Louisville 1, Ky.—W. A. Ingram, Regional Gen. Mgr.; W. O. Yates, Regional Industrial Mgr. 601 S. Ardmore, Los Angeles; 1226 Folsom St., San Francisco, 1844 Westlake Ave. North, Seattle, 302 Empire State Bldg., Spokane, 935 N.W. 12th Ave., Portland; 428 South Main, Salt Lake City; 3500 W. Van Buren St. Phoenix.

RHEEM MFG. CO., 4361 Firestone Blvd., South Gate, Calif.—Branch Offices: San Francisco, San Diego, Sacramento, Portland and Seattle. Sold through leading wholesalers.

RHODE ISLAND INSULATED WIRE CO., INC., 50 Burnham Ave., Cranston, R. I.—Western Distriet Mgr., Wilbert B. Buchman, 923 E 3rd St., Los Angeles 13.

RHODES, INC., M. H., 30 Bartholomew Ave., Hartford, Conn. —Wm. J. Goebel, 225 W. 23rd St., Los Angeles; James P. Hermans, 1234 Folsom St., San Francisco; V. R. Dittman, 2300 S. Madison St., Denver; J. R. Penning, 2323 Second Ave., Seattle; John C. Carder Jr. Co., 1624 N. First St., Albuquerque.

RHODES & SON CO., M.M., 12 Porter St., Taunton, Mass.—Graybar Electric Co., San Francisco, Seattle and Spokane; H. H. Van Luven, 120 S. Hewitt, Los Angeles, and Morse Signal Devices, 8124 Melrose Ave., Los Angeles; Kellogg Switchboard Co., 1668 Mission St., San Francisco.

RICHARDS CO., J. R., Arch St., Carnegie, Pa.—F. M. Nicholas, 714 Harrison St., San Francisco 5; Wm. Proby Associates, 522 First Ave. S., Seattle 4, and 1308 N.W. Everett, Portland 9.

RICHARDSON - ALLEN CORP., 116-15 Fifteenth Ave., College Point, N. Y.—Fred Carlson, 1201 Dexter, Seattle and 935 N.W. 12th Ave., Portland; E. B. Cook, 1036 Howard St., San Francisco.

RIC-WIL CO., 1053 Union Commerce Bldg., Cleveland, Ohio—Edwin A. Wert, 525 Market St., San Francisco 11.

RIDGE TOOL CO., Clark St., Elyria, Ohio—Seth W. Smith, P. O. Box 229, Van Nuys, Calif.; O. E. Perry, 4216 E. 72nd St., Seattle 15.

RIPLEY CO., INC., 1 Factory St., Middletown, Conn.—A. W. Nash, 2112 S. Atlantic Blvd., Los Angeles; James J. Backer, 2321 Second Ave., Seattle 1.

RISCO, 265 Minna St., San Francisco—A. B. Smedley, P. O. Box 67-C, Pasadena, Calif.; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver.

RITTENHOUSE CO., INC., East St., Honeoye Falls, N. Y.—Allen B. Carpenter Co., 820 Twelfth St., Denver; Pryne-Ritterhouse Sales Corp., P. O. Box 698, Pomona, Calif.; W. H. Cress Co., 201 Concord Bldg., Portland 4; McMillen-Stanley Sales Corp., 778 Natoma St., San Francisco; Norwest Co., 330 Second Ave. W., Seattle 99.

RIVAL MFG. CO. (See Steam-O-Matic Corp.)

RIVIERA STEEL PRODUCTS CO., 305 Axusa St., Los Angeles, Calif. —F. M. Nicholas Co. 714 Harrison St., San Francisco 7.

ROANWELL CORP., 662 Pacific St., Brooklyn 17, N. Y.—Samuel Jewett, 13537 Addison St., Sherman Oaks, Calif.

ROBBINS & MYERS, INC., 1345 Lagonda Ave., Springfield, Ohio. FAN Div.—Gordon Wood, 1855 Industrial St., Los Angeles. Propellair Div.: Hahn Equip. Co., 1745 Blake St., Denver 2; Harry F. Haldeman, Inc., 2401 S. Hill St., Los Angeles, C. W. Boswell, 1139 Mission St., San Francisco; C. L. Koerner, 1220 S.E. Oatfield Rd., Portland and Modern Equipment Co., 52 W. 2nd South St., Salt Lake City. MOTOR DIV.: Howard Toncray, 1732 Blake St., Denver 2; R. Meussdorffer, 8468 Melrose Place, Los Angeles 46 and C. W. Boswell, 1139 Mission St., San Francisco. HOIST & CRANE DIV.: Hahn Equip. Co., 1745 Blake St., Denver 2; C. L. Koerner, 12200 S.E. Oatfield Rd., Portland; Robert M. Taylor Co., 268 Market St., San Francisco 11, F. T. Crowe Co., 325 Second Ave. W., Seattle 14, and A. B. Miller, 7810 Salt Lake Ave., Huntington Park, Calif. PUMP DIV.: Hahn Equip. Co., 1745 Blake St., Denver 2; Fernholtz Machinery Co., 8468 Melrose Place, Los Angeles 46; Truscott Co., 2007 S.E. Powell Blvd., Portland 2; Modern Equip. Co., 52 W. 2nd South St., Salt Lake City 1 and C. W. Boswell, 1139 Mission St., San Francisco.

ROBERSON, L. N., COMPANY, 1539 East 103rd St., Seattle, Wash.—Ted Bakeman & Associates, 445 Bryant St., San Francisco; Graybar Elec., Seattle, Spokane, Portland, Eugene and Tacoma. Sold through leading wholesalers all principal cities.

ROBESON ROCHESTER CORP., 46 Sager Drive, Rochester, N. Y. —Eric F. Chemnitz Co., 1355 Market St., San Francisco. Direct Sales Corp., 1405 S.W. Alder St., Portland; Jack B. Barcon, 1034 S. Longwood Ave., Los Angeles; J. H. Naden, 931 W. 5th Ave., Denver.

ROBERTSHAW - FULTON CONTROLS CO., Youngwood Pa.—Branch: J. R. Turner, 420 Market St., San Francisco; Grayson Controls Div., 3000 E. Imperial Highway, Lynwood, Calif.

ROCKBESTOS PRODUCTS CORP., Nicoll and Canner Sts., New Haven, Conn.—Branch Offices: P. O. Weston, Oakland Municipal Airport Bldg. 741, P. O. Box 8, Oakland, Calif.; Howard G. Jones, 4020 W. 3rd St., Los Angeles, Calif.

RODALE MFG. CO., INC., Emmaus, Pa.—Joseph Liner, 338 E. 2nd St., Los Angeles; K. B. Schumann Co., 1073 Galapago St., Denver; D. O. Harvey, 246 N. Main St., Bountiful, Utah.

RODEFER GLEASON GLASS CO., Bellaire, Ohio—John H. Maddox, 420 Market St., San Francisco; Maddox Sales Co., 912½ E. Third St., Los Angeles.

ROEBLING'S SONS CO., JOHN A., 640 S. Broad, Trenton, N. J.—District Offices: D. Gould, Dist. Superv., 900 First Ave. S., Seattle; J. Godbe, Dist. Mgr., 1740 17th St., San Francisco; W. A. Molter, Dist Superv. 5340 E. Harbor St., Los Angeles 22.

ROGERS CORPORATION, Rogers, Conn. — Electrical Specialty Co., in following cities: 2820 E. 12th St., Los Angeles; 158 11th St., San Francisco; 1015 21st St., Denver; 2406 1st Ave. So., Seattle.

ROGERS ELECTRONIC CORP., 49 Bleecker St., New York City 12—L. A. Nott, 1061 Howard St., San Francisco; R. E. Osborne, 1044 S. Parkview, Los Angeles; Ray Johnston, 11009 Evanston Ave., Seattle.

ROLLER-SMITH CORP., 1001 8th Ave., Bethlehem, Pa.—J. C. McDougall, 520 1st Ave. So., Seattle 4 and 1231 N.W. Hoyt, Portland; Mark A. Mueller, 1644 Blake St., Denver; Clarence W. Silver Co., 550 W. 7th South St., Salt Lake City; Campbell and George Co., 1601 Cortland Ave., San Francisco; Roy Peck Associates, 103 N. Santa Anita Ave., Arcadia, Calif.; Joe E. Pearce & Associates, 925 Madison N.E., Albuquerque.

ROLL-A-REEL, INC., 827 W. 4th St., Cincinnati, Ohio—Electric Agencies, 618 Second Ave., Seattle; A. B. Smedley, Box 67-C, Pasadena.

ROME CABLE CORP., Ridge St., Rome, N. Y. and Torrance, Calif. (Conduit Plant)—Western Branch Offices and Warehouses: 1100 Selby St., San Francisco 24; 3430 Fourth Ave. South, Seattle 4; 230 South Fourth, West, Salt Lake City 1; 1020 S.W. Taylor St., Portland 5; 2510 South Malt Ave., Los Angeles 22; and 1160 Elati St., Denver 4.

ROPER CORPORATION, GEO. D., 340 Blackhawk Park Ave., Rockford, Ill.—Branch Offices: 2011 S. Santa Fe Ave., Los Angeles; Woodin & Little, 80 Elmira St., San Francisco; Pacific Pumping Co., 526 N.W. Broadway, Portland; Robt. Taylor & Sons, 1077 S. Main St., Salt Lake City; Salt River Pump & Supply, 2846 Grand Ave., Phoenix, Ariz.

ROSS OPERATING VALVE CO., 120 E. Golden Gate Ave., Detroit 3, Mich. — R. W. Atkinson Co., 3713 Santa Fe Ave., Los Angeles 58 and 420 Market St., San Francisco 11; Alta Engineering Co., 1988 Nome St., Denver 8; Hydraulic & Air Equipment Co., 2316 N.W. Savier St., Portland and 2348 Alki Ave., Seattle 16.

ROSS-TACONY CRUCIBLE CO., State Road and Milnor Sts., Philadelphia, Pa.—E. A. Wilcox Co., 277 7th St., San Francisco 3, 406 S. Main St., Los Angeles 13 and Arctic Bldg., Seattle 4.

ROTO-BROIL CORP. OF AMERICA, 32-14 Northern Blvd., Long Island City, N. Y. — Roto-Broil Corp. of America, Western Div., 5015 Hampton St., Los Angeles 58.

ROWAN CONTROLLER, 2400 Homewood Ave., Baltimore, Md.—Don E. Elliott, 420 Market St., San Francisco.

ROYAL ELECTRIC CO., INC., 95 Grand Ave., Pawtucket, R. I.—Eckert-Lloyd Co., 2115 So. San Pedro, Los Angeles and 1225 Sixth St., San Francisco; Northwestern Agencies, 4130 First Ave., South, Seattle, and 2941 N.W. Quimby, Portland; Wm. Benndorf, 401 W. Jackson St., Phoenix; Medill Sales Co., 1314 Wazee St., Denver.

ROYAL ELECTRIC MFG. CO., 1122 E. 87th St., Chicago, Ill.—Industrial Eng. & Equip. Co., Subway Terminal Bldg., Los Angeles; Robert J. Arthur, 420 Market St., San Francisco.

ROYAL APPLIANCE MFG. CO., 1975 E 61st St., Cleveland 3, Ohio—J. A. Keim, Dist. Mgr., 26601 California, Capristrano Beach, Calif.; A. G. Marshall, Dist. Mgr., 750 Chemawa Rd., Salem, Ore. Distributors: Thompson & Holmes, Ltd., 650 2nd St., San Francisco 7; Western Royal Vacuum Clr. Co., 175 E. Broadway, Salt Lake City; Smith-Crown Co., 1993 South 11th East St., Salt Lake City and Denver, Colo.

RUBY LIGHTING CORP., 1212 S. Olive St., Los Angeles 15, Calif.—L. M. Baxter Co., 1220 S. W. Stark St., Portland and 1016 First Ave. South, Seattle; William Benndorf Co., P. O. Box 1926, Phoenix; John P. Sankwich, 1485 Bayshore Blvd., San Francisco.

RUBY-PHILITE CORP., 32-02 Queens Blvd., Long Island City, N.Y.—Fred J. Stone, 850 29th Ave., Los Angeles 21.

RUGGLES-KLINGEMANN MFG. CO., Foster Court, Salem, Mass.—Instrument Sales Co., 2137 Second Ave., Seattle 1; O. J. Grendahl & Son, P. O. Box 897, Phoenix; C. H. Spencer & Co., 1421 So. Main St., Salt Lake City 4; Hendrie & Bolthoff Co., 1635 17th St., Denver 17; Charles Meriam Co., 4760 E. Olympic Blvd., Los Angeles 22; Ref. & Power Spec. Co., 380 Brannan St., San Francisco 7.

RUNDEL ELECTRIC CO., 1359 Fitzgerald St., San Francisco, Calif.—Hundley Co., 8532 Fletcher Dr., Los Angeles.

RUNZEL CORD & WIRE CO., 4723 W. Montrose Ave., Chicago, Ill.—Industrial Electric & Rubber Supply, 4919 W. Adams Blvd., Los Angeles.

RUSGREEN MFG. CO., 14262 Birwood Ave., Detroit, Mich.—L. R. Ward Co., 2711 Commerce St., Dallas; Kesler, White Co., 322 N.W. 4th Ave., Portland; 1041 S. 6th Ave., Seattle, and 204 Keith Bldg., Denver.

RUSSELL, BURDSALL & WARD BOLT AND NUT CO., 4466 Worth St., Los Angeles, Calif. —Branch Office: 1440 Broadway, Oakland, Calif. Representatives: Gillette & McLaren, 309 S.W. 3rd Ave., Portland and 816 Arctic Bldg., Seattle.

RUSSELL MFG. CO., Industrial Heights, Middletown, Conn.—Russell Mfg. Co., 682 Polk St., San Francisco.

RELIANCE AUTOMATIC LIGHTING CO.

1939 MEAD ST. RACINE, WIS.

The ED. WARBURG CO.
1207 E. 8th St.
Los Angeles 21, Calif.

CHAS. A. MEIER CO.
1473 Harrison St.
San Francisco 3, Calif.

H. D. CAMPBELL & ASSOCIATES
501 Jones Building
Seattle 1, Wash.

JOHN ALLEN WARE & ASSOCIATES
301 West G Street
San Diego 1, Calif.

THE RELIANCE LINE OF TIME SWITCHES . . .

• Reliable devices for automatically controlling circuits where current is to be turned on and off at predetermined times daily. Fully guaranteed by the manufacturer and listed by the Underwriters' Laboratories.

M2 Illustrated

"BADGER" Synchronous

This model is specifically a heavy duty time switch designed and built to meet the demand for a reasonably priced switch with a capacity great enough to meet a wide variety of requirements. Extra heavy gears, a slow-speed synchronous motor, and heavy copper-to-copper "floating" contacts—all help to make the "Badger" a better-built switch for long-lasting, accurate control.

All types are single throw (straight ON and OFF)

Type	Poles	Switch Capacity	Case
M1	1	50 A. at 120 V.	Sheet Steel
M2	2	50 A. at 120/240 V.	Sheet Steel
RM	1	50 A. at 120 V.	Cast Aluminum
RM5	2	50 A. at 120/240 V.	Cast Aluminum

W-22 Illustrated

"MODEL W" Synchronous

An extremely simple, compact and dependable time switch which with only three types, covers practically every time switch requirement. Has large silver contacts and heavy-duty self-starting motor. Type W-33 controls two separate circuits independently or simultaneously by merely setting the trip hands for the desired schedule of operation. Model W case is of 20 gauge steel finished in hammerloid enamel.

Type	Poles	Throw	Switch Capacity
W-11	1	Single Throw	30 A. at 120 V.
W-22	2	Single Throw	30 A. at 120/240 V.
W-33	2	Two Circuit	30 A. at 120/240 V.

Type 401

"MODEL 400" Synchronous

A simplified, smaller, lower cost time switch, especially suitable for automatic control of circuits up to 2500 watts, such as small window lighting installations, signs, oil burners, air conditioning, etc. Contacts are silver-to-silver. Timing element is driven with precision gear train and vernier time set. Numbered terminals are provided for all connections. Case is one-piece deep drawn steel with hinged cover.

Type	Poles	Throw	Switch Capacity
401	1	Single Throw	20 A. at 120 V.

Astronomic dial available on types W-11 and W-22.

Complete catalog gladly furnished on request.

ALLIED INDUSTRIES

Electrical
Manufacturers Representatives

412 Seaton Street
Los Angeles 13, Calif. MU. 2244

COLLYER INSULATED WIRE CO.
All types of Building Wires, Power Cables & Shipboard Cables

FEEDRAIL CORPORATION
Electrical Feedrail for Mobile Outlet Distribution

MURLIN MANUFACTURING CO.
Marine Lighting Fixtures

PITTSBURGH STANDARD CONDUIT COMPANY
Rigid Conduit, E. M. Tubing Elbows, Couplings, Conduit Nipples

PORCELAIN PRODUCTS, INC.
Knobs, Tubes, Cleats, Service Insulators, etc.

PYRAMID INSTRUMENT CO.
"Amprobe," Voltmeters & Ammeters

RUSSELL & STOLL CO.
Floor Boxes; Explosion proof, watertight electrical specialties

TORK CLOCK CO.
Electrical Time Switches of all kinds

UNDERGROUND PRODUCTS, INC.
Plastic Spacers for Built-up Non-Metallic Conduit Systems

J. A. WEAVER COMPANY
Ground Rod Clamps, Connectors, Hot Line Clamps, Jumper Clamps and Ground Clamps

RUSSELL & STOLL CO., INC., 125 Barclay St., New York City, N. Y.—Eichorn & Melchior, 749 Bryant St., San Francisco; E. A. Will, 534 First Ave. So., Seattle 4; Allied Industries, 412 Seaton St., Los Angeles.

RUTENBER ELECTRIC CO., Branson & Charles Sts., Marion, Ind.—Lloyd D. Marsh, 2601 First Ave., Seattle.

S & C ELECTRIC CO., (Formerly Schweitzer & Conrad), 4435 Ravenswood Ave., Chicago, Ill.—Western representatives: Charles E. Klaus Co., 1004 S. E. Belmont, Portland 14; George E. Honn Co., 420 Market St., San Francisco 11; H. J. Randolph Company, 786 Santa Anita St., San Gabriel, Calif.; Muth-Richards Co., 1804 Bush Place, Seattle; Ritter Engineering Co., Kearns Bldg., Salt Lake City; Peterson Company, 4949 Colorado Blvd., Denver 16.

SKF INDUSTRIES, INC., Front & Erie Ave., Philadelphia 32, Pa.—Branch Offices: 790 Tennessee St., San Francisco 7; J. C. Bowman, Manager; 1419 South Flower St., Los Angeles 15, W. F. Weidner, Mgr.; 1625 N.W. Hoyt St., Portland 9, E. Isopera, Mgr.; 1420 18th St. ,Denver 2. A. H. Dixon, Mgr.; 170 Denny Way, Seattle, R. M. Parrish, Mgr.

S K J ELECTRICAL CO., 840 Stanton St., New York City 2—J. H. Kay, 4807 Beverly Blvd., Los Angeles.

S & M LAMP CO., 119 West 36th Place, Los Angeles, Calif.—Dan H. Radke, 754 Natoma St., San Francisco; C. L. Keeshen and John Perini, 119 W. 36th Place, Los Angeles; John Allen Ware, 201 West G St., San Diego and 4807 N. 29th Place, Phoenix; Norwest Co., 330 2nd Ave. West, Seattle; J. S. Edwards Co., 1206 Hamilton St., Vancouver, B. C.

SAFETY ELECTRIC COMPANY, 53 W. Jackson Blvd., Chicago, Ill. —325 9th St., San Francisco.

SAFETY ELECTRIC EQUIPMENT CO., 2 Linares Ave., San Francisco 22, Calif.

SAFETY LIVE LINE TOOL CO., 978 86th Ave., Oakland, Calif.—T. A. Ford Co., 320 South San Marino, San Gabriel, Calif.; K. M. Ryals Co., 461 Market St., San Francisco.

SAFE-T-SEAL LABORATORIES, 6705 Sunset Blvd., Los Angeles, Calif.—Safety Seal Co., 132 W. Verdugo Ave., Burbank, Calif.

SAFETY SWITCHBOARD CO., INC., 910 89th Ave., Oakland, Calif. (See adv. page 52.)

Safety Switchboard Co. Inc.

Representing

BULLDOG ELECTRIC PRODUCTS

BUStribution Duct
Trol-E-Duct
Safety Switches
Switchboards
Panelboards (Pushmatic)

910 89th Avenue
Oakland, Calif.
LOckhaven 9-7001

SAGE ELECTRONICS CORP., 302 N. Goodman St., Rochester, N. Y. —M. A. Stolaroff Co., 4622 W. Slauson Ave., Los Angeles; Howell Sales Co., 1250 First Ave. S., Seattle 4.

ST. LOUIS MALLEABLE CASTING CO., 7701 N. Conduit Ave., St. Louis, Mo.—Maydwell & Hartzell, Inc., in following cities: 427 W. 5th St., Los Angeles 13; 870 Tennessee St., San Francisco 7; 306 Dexter Ave., Seattle 4; 1238 N.W. Glisan St., Portland 9; 324 S. 2nd Ave., Phoenix.

SALISBURY & CO., W. H., 401 N. Morgan St., Chicago, Ill.—R. E. Cunningham & Son, 530 W. Sixth St., Los Angeles; Graybar Electric Co., Inc., and Line Material Co., all principal cities; Western Hardware & Tool, 122 10th St., San Francisco.

SALEM-BROSIUS, INC., Arch St., Carnegie, Pa.—W. P. Woolbridge Co., 1209 Burlingame Ave., Burlingame, Calif. and 4180 E. Washington Blvd., Los Angeles; McKinley Equip. Corp., 1003 Santa Fe Ave., Los Angeles; Oregon Handling Equip., 2949 N.W. St. Helens Rd., Portland; Western Sales Engr., 375 S. West Temple, Salt Lake City; Woodriff Bros., 617 Copper Bldg., Denver 2; Roll-Rite Corp., 8th & Jefferson, Oakland; Ira G. Ferin Co., 575 Howard St., San Francisco.

SANGAMO ELECTRIC CO., 1301 No. 11th St., Springfield, Ill.—T. S. Wood, 220 9th Ave., N., Seattle 9; L. A. Nott, 1061 Howard St., San Francisco 3; H. W. Wittenburg, 1206 So. Maple Ave., Los Angeles 15; Mountain States Machinery, 1526 Blake St., Denver 2; Frank Gorman, 1701 Texas St., El Paso; J. E. Redmond, 625 West Madison, Phoenix; R. E. McDonough, 829 Maryland Ave., Butte, Mont.; J. O. Malvin, 3101 N. 36th St., Boise, Ida; R. E. Kenyon, 671 S.W. Market Rd., Oswego, Ore.

SARGENT & CO., (Schollhorn Div.) 45 Water St., New Haven, Conn.—Robert Trefcer, Western Sales Mgr., 1624 Balboa Way, Raypark, Burlingame, Calif.

SARGENT-RAYMENT CO., 1401 Middle Harbor Road, Oakland 20, Calif.—Branch Office: Paul Wiley, 1632 Silverlake Blvd., Los Angeles; Leonard L. Minthorne Co., 7521 N.E. Glisan, Portland.

SAUEREISEN CEMENTS CO., 1045 N. Canal St., Pittsburgh 15, Pa.—Montgomery Brothers in following cities: 1122 Howard St., San Francisco; 2113 So. San Pedro St., Los Angeles 11; 911 Western Ave., Seattle; 1632 N.W. Johnson, Portland.

SAVE ELCTRIC CORP., 615 Front Toledo, Ohio — Distributed thru Penetray Corps.

SAYLOR ELECTRIC PRODUCTS CORP., General Office, 277 Pierce St., Birmingham, Mich.— Branch Plant: 1725 Standard Ave., Glendale, Calif.; Fred D. Benz Co., 444 Brannan, San Francisco.

SAYLOR & SON, FRANK D., 13095 Greeley, Detroit, Mich.—Allied Industries, 412 Seaton St., Los Angeles; E. A. Will, 534 First Ave. South, Seattle 4; Fred D. Benz Co., 444 Brannan St., San Francisco.

SCAICO CONTROLS, INC., Palmyra, N. J.—A. W. Nash Co., 2112 S. Atlantic Blvd., Los Angeles 22; Standard Electric Sales, 1731 1st Ave. South, Seattle 9.

SCHAUB ENGINEERING CO., FRED H., 2110 S. Marshall Blvd., Chicago, Ill.—Johnson Eng. Co., 534 20th St., Oakland 12; Berkeley Eng. & Equip. Co., 2439 Riverside Dr., Los Angeles 39; Freserick Co., 915 Mallon West, Spokane; Mechanical Equip. Co., 2426 Commodore Way, Seattle 99.

SCHAUER MFG. CORP., 4521 Alpine Ave., Rossmoyne (Cincinnati) Ohio—Barstow & Doran, 1406 S. Grand Ave., Los Angeles; W. H. Connors Co., 5532 Colfax Ave., Denver; Dean Lewis Associates, 219-21 9th St., San Francisco 3.

SCHENECTADY VARNISH CO., INC., Congress & 9th Ave., Schenectady, N. Y. — Electrical Specialty Co., in following cities: 158 11th St., San Francisco 3; 2820 E. 12th St., Los Angeles 23; 2406 First Ave. South, Seattle 4; 1161 Stout St., Denver.

SCHICK INC., 45 Garden St., Stamford, Conn.—Branch Offices: 661 Market St., San Francisco; 443 S. Spring St., Los Angeles; Third and Pike Sts., 328 Republic Bldg., Seattle; 922 Eighth Ave., San Diego; 250 East First St., Long Beach; 9365 Wilshire Blvd., Beverly Hills, Calif.; 621 S.W. Morrison, Portland.

L. A. NOTT

1061 Howard St.
San Francisco 3, Calif.
HEmlock 1-4738

SANGAMO ELECTRIC CO.
Meters, Instrument Transformers, Time Switches, Power Factor Capacitors and Controls—Dynamotors and Rotary Converters

SUPERIOR SWITCHBOARD & DEVICES CO.
Meter test devices and enclosures.

H D ELECTRIC CO.
Max-I-Meters for Transformer Testing

SCHOTT CO., WALTER L., 2225 Exposition Place, Los Angeles 18, Calif.—(See Walsco Electronics Corp.)

SCHWAGER-WOOD CORP., 8024 S.W. 35th Ave., Portland, Ore.—Love Electric Co., 1914 Market St., Tacoma; K. M. Ryals Co., 461 Market St., San Francisco 5; Slaybaugh-Thompson Co., 100 West 13th Ave., Denver 4; A. B. Smedley, P. O. Box 67-C, Pasadena; Clarence W. Silver Co., 550 W. 7th South St., Salt Lake City 4.

SCIENTIFIC LUBRICANTS CO., 3469 N. Clark St., Chicago, Ill.—O. L. King, 436 Clementina St., San Francisco 3.

SCOTT & FETZER CO., 1920 W. 114th St., Cleveland 2, Ohio—Kirby Parts Corp., 420 N. Broadway, Portland 12.

SCOTT INC., HERMAN HASMER, 385 Putnam Ave., Cambridge Mass.—C. B. Parsons & Co., 3028 First Ave., Seattle 1; Nickerson & Rudat, 381 Brannan St., San Francisco 7; Harry Feldman Co., 400 W. Pico Blvd., Los Angeles 15; Allen I. Williams, 230 Cooper Bldg., Denver 2.

SCOTT RADIO LABORATORIES, INC., 4641 Ravenswood Ave., Chicago, Ill.—Paul H. Rice Co., 1855 Market St., San Francisco; Floyd Yudelson Co., 1151 S. Broadway, Los Angeles 15.

SCRUGGS CO., Loyd, Drawer 232, Festus, Mo.—Joe Davidson & Associates, 2803 Los Flores Blvd., Lynwood, Calif.

SEALOL CORP., 45 Willard Ave., Providence 5, R.I.—C. J. Gratiot & Sons, 525 So. Crocker, Los Angeles; George H. Friedrick, 725 Tehama St., San Francisco; Maz & Smith Co., 1025 W. Spokane St., Seattle.

SEALTRON CO., 9700 Reading Rd., Cincinnati 15, Ohio—Jackson Edwards & Co., 6047 Hollywood Blvd., Los Angeles.

SEAMLEX, INC., 41 24th St., Long Island City, N. Y.—Bellilove Co., 420 Market St., San Francisco.

SEBRELL CORP., J. B., 300 So. Los Angeles St., Los Angeles 13, Calif. and 4315 E. Compton Blvd., Compton, Calif.

SECHRIST MFG. CO., ALBERT, 1717 Logan St., Denver, Colo.—General Electric Supply Corp. all principal cities. A. R. Parker Co., 420 Market St., San Francisco.

SEEDORFF & CO., A. P., 4617-19 E. Cecelia St., Bell, Calif.—E. B. Cook Co., 1063 Howard St., San Francisco.

SEELY INSTRUMENT CO., INC., 377 Fourth St., Niagara Falls, N.Y. — Circle Seal Supply Co., 4863 Telegraph Rd., Los Angeles 22.

SEGIL CO., L. J., 2500 W. North Ave., Chicago, Ill.—Frank Steiner, 2900 Santa Monica Blvd., Los Angeles; Al Slater & Associates, 9011 15th Ave., N.E., Seattle; Reuben Lagerstrom, 2739 10th Ave., Oakland 6; Joe E. Pearce, P.O. Box 796, Albuquerque; John Lindsay, 900 Central Bank Bldg., Denver; Adrien Segil, 72 S. Main St., Salt Lake City.

SENSITIVE RESEARCH INSTRUMENT CORP., 316 Main St., New Rochelle, N.Y.—Neely Enterprises, 1317 15th St., Sacramento; 2830 Geary Blvd., San Francisco 18; 1029 Rosecrans St., San Diego; 641 E. Missouri St., Phoenix, Ariz.; 107 Washington St., S. E., Albuquerque; 3939 Lankershim Blvd., North Holywood, Calif.; Instrument Service Labs. Ltd., 21 W. Broadway, Vancouver, B. C.; James L. Kearns Co., P. O. Box 5108, Portland 16; Hytronic Measurement Associates, 446 Broadway, Denver 3.

SENTINEL RADIO CORP., 2100 Dempster St., Evanston, Ill.—James Kerwin Co., 1525 S. Flower St., Los Angeles; R. D. Schwalb Co., 298 8th St., San Francisco; Falls Supply Co., 209 2nd St., S., Great Falls, Mont.; Erb Hardware, 411 D St., Lewiston; North Coast Elec., 625 Everett Ave., Portland; Stusser Elec., 2246 1st Ave. S., Seattle 4; Schwendiman Dist. Co., 380½ E St., Idaho Falls; Moore Radio Supply, 157 Motor Ave., Salt Lake City; J. Korber & Co., 220-224 N. 2nd St., Albuquerque; Iverson Radio Co., 265 25th St., Ogden; Complete Home & Auto Supply, 530 N. Stone Ave., Tucson; Bill Meyers, 240 S. Arthur, Pocatello; A-1 Communications Supply, 411 Cerrillos Rd., Santa Fe.

SENTRY CO., THE, 62 Main St., Foxboro, Mass.—E. A. Wilcox Co., 277 Seventh, San Francisco; 2202 S. Atlantic Blvd., Los Angeles; 18229 Terrace Ct. S.W., Seattle; Landes, Zachary & Peterson, 2500 W. 7th Ave., Denver; 106 Amherst Dr., N.E., Albuquerque; 153½ W. 2nd South St., Salt Lake City, and 312 E. Missouri St., El Paso.

SEPCO CORP., 860 Cross St., Pottstown, Pa.—Paul Porter, 801 N. Lake Ave., Pasadena.

SEQUOIA PROCESS CORP., 871 Willow St., Redwood City, Calif. —Eichorn & Melchior, 749 Bryant St., San Francisco; Sequoia Wire Co., 11830 W. Pico Blvd., West Los Angeles 64.

SERVALL CO., 3572 Gratiot Ave., Detroit, Mich.—Electric Appliance Serv. Corp., in following cities: 726 W. Venice Blvd., Los Angeles; 302 17th St., San Diego; 1434 Howard St., San Francisco; Ray Jones Washing Machine Co., 376 Broadway, S., Denver 9; W. L. May Co., Inc., 215 N.W. Park Ave., Portland; Appl. Parts & Service Co., 216 Stewart St., Seattle and West 609 Trent St., Spokane.

SESSIONS CLOCK CO., E. Main St., Forestville, Conn. — Harry Solomon Co., 563 Merchandise Mart, 1355 Market St., San Francisco; California Electric Service, 832 S. Alvarado Ave., Los Angeles.

SETCHELL-CARLSON, INC., New Brighton, St. Paul, Minn.—Barstow & Doran, 1406 S. Grand Ave., Los Angeles; Dean A. Lewis Associates, 6385 Piedmont Ave., Oakland, Calif.; Marsh Agencies, 2601 First Ave., Seattle 1; Peyser & Co., 1501 N. Weber, Colorado Springs, Colo.

SETH THOMAS CLOCKS, 135 S. Main St., Thomaston, Conn.—Schloss Mfg. Co., 540 Mission St., San Francisco 5.

SEYMOUR TOOL & ENGINEERING CO., Seymour, Ind. — O. B. Wilt Co., 1355 Market St., San Francisco.

SHALDA MFG. CO., INC., 156 W. Providencia, Burbank, Calif. — C. J. Gratiot & Sons, 1282 Folsom St., San Francisco; Wm. Benndorf, 401 W. Jackson, Phoenix; L. M. Baxter, 1220 S.W. Stark, Portland, and 1016 1st Ave. S., Seattle; W. B. Roth, 630 Jasmine St., Denver.

SHANNON LUMINOUS MATERIALS CO., Santa Monica Blvd. & Fuller, Hollywood, Calif.—Leo Kaufmann, 72 Sacramento St., San Francisco.

SHAVEX COMPANY, (formerly Electronic Specialty Co.) 5121 San Fernando Rd., Los Angeles, Calif. —Electric Supplies Distributing Co., San Diego and Santa Ana, Calif; Distributors, Inc., Long Beach; Gough Industries, Inc., Los Angeles, Long Beach, Bakersfield, Santa Barbara and Phoenix; Hollywood Wholesale Elec. Co., Hollywood; Horn & Cox, Inc., Los Angeles; Eoff Electric Co., Eugene and Portland; Graybar Electric Co., Inc.; all principal cities. RCA Dist. Corp., Los Angeles; Electrical Corp., San Francisco.

SHELDON ELECTRIC CO., Div. of Allied Elec. Prod., 76 Colt St., Irvington 11, N. J.—Branch Office: 2724 Leonis St., Los Angeles; G. D. Norris Co., 3010 First Ave., Seattle; E. L. Berman Co., 758 Natoma St., San Francisco; Lee B. Naylor Co., 1250 1st Ave. South, Seattle.

SHELL OIL CO., INC., San Francisco.

SHENANGO-PENN MOLD CO., W. 3rd St., Dover, Ohio—Ray Smythe, 501 Park Bldg., Portland; Perry Kilsby, Inc., 2501 S. Malt Ave., Los Angeles; Thomas A. Short Co., 245 Fremont St., San Francisco.

SHEPLER MFG. CO., 1312 Sheffield St., Pittsburgh, Pa.—F. L. Guenther, 1208-10 West, Seattle; **E. R. Young, P. O. Box 903, Billings, Mont.**; E. H. Rumer, 1037 Second Ave., Salt Lake City; J. D. Sheehan & Associates, Box 1346, Dallas; Kent Eng. Co., P. O. Box 1287, Denver 1; E. L. Berman, 758 Natoma St., San Francisco.

SHERMAN MFG. CO., H. B., 22 Barney St., Battle Creek, Mich.—Detsch & Co., 341 10th St., San Francisco; John Carder Jr. Co., 1624 N. 1st St., Albuquerque, N. M.

SHERMAN PRODUCTS, INC., 3200 W. 14 Mile Rd., Royal Oak, Mich. —J. W. Greenis, Zone Mgr., P.O. Box 481, San Francisco; Walter L. Beers, Box 57, Spokane 10; Columbia Tractor & Implement Co., 2720 N.W. 29th Ave., Portland; Pacific Tractor & Impl. Co., 2512 Florida St., Richmond, Calif.; Intermountain Ford Tr. Sales Co., 703 W. Second South, Salt Lake City; Wymont Tractor & Equip. Co., 3907 First Ave. South, Billings; McCarty - Sherman Dist. Corp., 275 Mariposa St., Denver; Hight-Thompson, Inc., 4770 East 48th St., Los Angeles.

SHERWOOD ELECTRONIC LABORATORIES, 2802 W. Cullom Ave., Chicago, Ill.—Chas. A. Hansen, 1406 S. Grand Ave., Los Angeles 15; R. Merritt Co., 120 W. Thomas St., Seattle 99, and 1238 N.W. Glisoan, Portland; Philip A. Belchamber, 1401 Middle Harbor Rd., Oakland 20.

SHURE BROTHERS, INC., 225 W. Huron St., Chicago, Ill.—E. L. Berman Co., 758 Natoma St., San Francisco; Jack Berman Co., 1141 S. La Cienega Blvd., Los Angeles; Gates Co., 200 S. Main St., Salt Lake City; Northwestern Agencies, Inc., 4130 First Ave. S., Seattle 4.

SHURITE METERS, 61 Hamilton, New Haven 8, Conn.—James J. Backer Co., 2321 Second Ave., Seattle; James P. Hermans Co., 1234 Folsom St., San Francisco; Howard M. Saul & Associates, 5720 Wilshire Blvd., Los Angeles.

SIERRA ELECTRIC CORP., 15100 S. Figueroa, Gardena, Calif. — Distributed by wholesalers of electrical supplies in all principal cities. (See adv. pages 53, 74, 80.)

SIERRA ELECTRONIC CORP., 1050 Brittan Ave., San Carlos, Calif.—Ron Merritt Co., 120 W. Thomas, Seattle, and 1238 N.W. Glisan St., Portland 9; Neely Enterprises, 3939 Lankershim Blvd., North Hollywood; 2830 Geary Blvd., San Francisco; 1317 15th St., Sacramento; 641 E. Missouri, Phoenix; 1029 Rosecrans, San Diego, and 107 Washington, Albuquerque; Williams and Associates, 124 W. 12th Ave., Denver.

SIGMA INSTRUMENTS, INC., 170 Pearl St., S. Braintree, Boston, Mass.—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles; 61 W. Renato Ct., Redwood City, Calif., and 909 N. First St., Phoenix; Ron Merritt Co., 120 W. Thomas St., Seattle, and 1238 N.W. Glisan, Portland; Allen I. Williams Co., 124 W. 12th Ave., Denver, and 210 Cagua Drive, N.E., Albuquerque.

SIGNAL ELECTRIC MFG. CO., 1821 13th St., Menominee, Mich.—Kenneth Anderson Co., 412 Seaton St., Los Angeles; Keeler, White Co., in following cities: 615 7th St., San Francisco; 1041 6th Ave. S., Seattle; 322 N.W. 4th Ave., Portland; 2046 Arapahoe St., Denver.

SIGNAL ENG. & MFG. CO., Branchport Ave., Long Branch, N. J.—Standard Electric Sales Co., 1731 1st Ave. South, Seattle 9; Rollins Electric Co., 804 S. Atlantic Blvd., Monterey Park, Calif.

SIGNAL INDICATOR CORP., 42 Stewart Ave., Brooklyn, N. Y.—Harry A. Lasure Co., 9041 W. Pico Blvd., Los Angeles; George D. Norris Co., 3010 First Ave., Seattle.

SILENT HOIST & CRANE CO., 841 63rd St., Broklyn 20, N. Y.—Branch Offices: Cost Reduction Equipment Co., 5200 Chokemco St., South Gate, Calif.; Hamerslag Equipment Co., 45 Elimra St., San Francisco.

SILENT SIOUX CORP., 208 W. College Ave., Orange City, Iowa. —Earl E. Eckstrom & Associates, 2601 Second Ave., Seattle.

SILEX CO., THE, 80 Pilny St., Hartford, Conn.—Branch Office: E. H. Barker, 2852 E. 11th St., Los Angeles; A. L. Anderson, 1894 15th Ave., San Francisco; W. D. Sales Co., 115 Bellaire St., Denver; Ericksen-Gruber Co., 95 Connecticut St., Seattle 4, and 1633 N.W. 21st Ave., Portland; (Restaurant Equipment) Seymour H. Kadin, 950 S. Flower St., Los Angeles.

SILL INDUSTRIES, 185 Maplewood Ave., Maplewood, N. J.—E. G. Faules and Co., 1762 W. Vernon Ave., Los Angeles 62.

SILVRAY LIGHTING, INC., (Skylike Lighting, Inc.), 100 W. Main St., Bound Brook, N. J.—B. T. Heinz, Dexter Horton Bldg., Seattle 4; H. X. Sheeter, 406 S. Main St., Los Angeles 13; J. C. Epperson, 50 Hawthorne St., San Francisco 5.

SIMONDS MACHINE CO., INC. 246 Worcester St., Southbridge, Mass.—M. A. Stolaroff, 4614 Northridge Dr., Los Angeles.

SIMPLET ELECTRIC CO., Park Ave., Sycamore, Ill.—The Darger Co., 211 S. 2nd West St., Salt Lake City; Ernest F. Hauch, 1282 Folsom St., San Francisco; Maddox Sales, 912½ E. Third St., Los Angeles; L. M. Baxter Co., 1220 S.W. Stark St., Portland.

SIMPLEX MFG. CO., Franklin & Merritt Sts., Auburn, N. Y.—Degen-Fiege Co., 1733 E. 15th St., Los Angeles.

SIMPLEX TIME RECORDER CO., 26 S. Lincoln, Gardner, Mass.—Branch Offices: 933 W. Second St., Los Angeles; 47 Second St., San Francisco; 1418 N. Larrabee, Portland; 906 Third Ave., Seattle; 340 W. Washington St., Phoenix; 43 W. Broadway, Salt Lake City; 1817 California St., Denver; 714 Idaho St., Boise.

SIMPLEX WIRE & CABLE CO., 79 Sidney St., Cambridge 39, Mass.—Branch Offices: Simplex Wire & Cable Co. of Calif., Garnett-Young & Co. Managers in following cities: 910 East Third St., Los Angeles 13; 390 Fourth St., San Francisco 7; 503 Polson Bldg., Seattle 4; 1238 N.W. Glisan St., Portland 9, and 6131 N. 18th Dr., Phoenix; Krippner & Polley, 1166 Elati St., Denver 4; Conely Eng. Co., 165 S. 1st West St., Salt Lake City 1.

SIMPSON COMPANY, 1060 E. 11th St., Oakland 6, Calif.—State Electric Supply, 241 10th St., Oakland; The Electric Corp., 145 9th St., San Francisco; Slakey Bros., Inc., 2145 Fitchburg Station, Oakland. Sold by leading jobbers all principal cities.

SIMPSON ELECTRIC CO., 5208 W. Kinzie St., Chicago 44, Ill.—R. G. Bowen, 446 Broadway, Denver 10; D. H. Burcham, 510 N.W. 19th Ave., Portland 5; C. R. Lynch, 3307 Glendale Blvd., Los Angeles 39; W. J. Purdy, 312 Seventh St., San Francisco 3.

SISSELL CO., INC., LLOYD L., 4326 E. 3rd St., Los Angeles 22, Calif.

SKIL CORP., 5033 Elston, Chicago 30, Ill.—Branch Offices: 2730 S. Broadway, Los Angeles; 285 S. Van Ness Ave., San Francisco; 818 John St., Seattle; 524 N.W. 6th Ave., Portland; N. 2226 Division St., Spokane; 4462 York St., Denver.

SKINNER CHUCK CO., Electric Valve Div., 95 Edgewood Ave., New Britain, Conn.—Western Control Equip. Co., 14615 Ventura Blvd., Sherman Oaks, Calif.; Hydraulic Power Equipment, 2316 N.W. Savier, Portland. Distributors: Haskel Eng. & Supply, 1236 S. Central Ave., Glendale 4; The Rucker Co., 4700 San Pablo Ave., Oakland 8; Calif. Instrument Co., 351 Tenth Ave., San Francisco 3; Power Transmission Products, 1107 N.W. 14th Ave.,

SLADE MFG. CO., 240 N. 10th Ave., Newark, N. J.—Colorado West Sales Co., 501 Broadway, Denver.

SLATER ELECTRIC & MFG. CO., INC., 56th St. and 37th Ave., Woodside, N. Y.—Jack Payne, 431 Colyton St., Los Angeles 13; Bruce-Emmett Co., 830 S.E. Alder, Portland 14; Jack Akers, 1016 First Ave., S., Seattle; The Baxter Co., 101 Kansas St., San Francisco.

ILLUMINATION EQUIPMENT
SMOOT-HOLMAN
INGLEWOOD, CALIFORNIA
MADE IN U.S.A.
MANUFACTURERS OF
- COMMERCIAL FLUORESCENTS
- INDUSTRIAL FLUORESCENTS
- COMMERCIAL INCANDESCENTS
- INDUSTRIAL INCANDESCENTS
- OPEN TYPE OUTDOOR FLOODLIGHTS

SMITH CO., S. MORGAN, Lincoln & Hartley Sts., York, Pa.—District Offices: Harry A. Doell, Mgr., 68 Post St., San Francisco 4. Agents: E. R. Finkbeiner, 609 Lewis Bldg., Portland 4; Instrument Sales, Inc., 2137 Second Ave., Seattle; Water Work Supply Co., P. O. Box 397, Temple City, Calif., and 681 Market St., San Francisco; Trident Engineering Co., 16 Beale St., San Francisco; W. J. Beckett Co., 1110½ S. Atlantic Blvd., Los Angeles.

SMITH CORP., A. O., 3633 N. 27th St., Milwaukee 1, Wis.—Pacific Coast Division Plants and Permaglas-Heating Div., Western Div. Sales Office: 1635 N. Spring St., Loso Angeles; 505 66th Ave., Oakland, Calif.

SMITHCRAFT LIGHTING DIVISION, 217 Everett Ave., Chelsea 50, Mass.—Fred D. Benz Co., 444 Brannan St., San Francisco; Wm. Benndorf, 401 W. Jackson Ave., Phoenix; J. R. Penning, 2323 Second Ave., Seattle.

SMITH-GATES CORP., 25 N. Washington, Plainville, Conn.—Kirkby Trailer Parts, 3071 E. 12th St., Los Angeles; Jensen-Byrd, Spokane; Pat Nash Supply, Portland; Kitchen Elec. Supply Co., Reno; Steve Rigas Co., Salt Lake City; Pioneer Trailer, Denver; American Elec. Co., Pueblo; Idaho Falls Bonded Prod. & Supply, Idaho Falls; Glacier State Elec., Great Falls; Rawlins Trailer Court, Rawlins, Wyo.

SMOOT-HOLMAN CO., 321 N. Eucalyptus, Inglewood, Calif.—Branch Office and warehouse—55 Mississippi St., San Francisco. Representatives: B. T. Heinz and F. C. Scharr, 444 Dexter Horton Bldg., Seattle 4; J. R. Christensen, 247 E. 5th South St., Salt Lake City 3; B. H. Hartley, P. O. Box 4381, Phoenix; F. S. Zaugg, 907 N.W. Irving St., Portland; John Carder Jr., Co., 1624 1st St. N.W., Albuquerque. (See adv. p. 54.)

SOAPSTONE DUCT CO., 110 Linfield Drive, Menlo Park, Calif.—Maydwell & Hartzell, Inc., 870 Tennessee St., San Francisco; 427 W. Fifth St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; 304 Dexter Ave., Seattle 4; 814 Paulsen Bldg., Spokane 8 and 324 S. 2nd Avenue, Phoenix. (See adv., page 67.)

SOLA ELECTRIC CO., 4633 W. 16th St., Chicago 50, Ill.—Branch Office: 3138 Olympic Blvd., Los Angeles; Slaybaugh & Thompson, 100 W. 13th St., Denver.

SOLAR ELECTRIC CORP., 121 Central Ave., Warren, Pa.—Frank R. Kalt Associates, P.O. Box 75342, Los Angeles 5; Porter Littell Sales, 1156 Bannock St., Denver 4.

SOLAR LIGHTING CO., 444 N. Western Ave., Los Angeles, Calif.—R. E. Lagerstrom, 2739 10th Ave., Oakland.

SOLUX CORP., 58-17 28th Ave., Woodside, L. I., New York—Sold thru all offices General Elec. Supply, Graybar Electric and Westinghouse Elec. Supply.

SON-CHIEF ELECTRIC INC., 41 Meadow St., Winsted, Conn.—Jack Firestone, 6361 W. 5th, Los Angeles; Sam Maizels, Terminal Sales Bldg., Seattle.

SORENG MFG. CO., 9557 Eden Ave., Schiller Park, Ill.—Jackson Edwards, 6647 Hollywood Blvd., Los Angeles.

SORENSON & CO., INC., 375 Fairfield Ave., Stamford, Conn.—James L. Kearns 6055 N.E. Glisan, Portland; Hytronic Measurement Associates, 446 Broadway, Denver; Gerald B. Miller Co., 1550 N. Highland Ave., Hollywood 28; 327 Wyoming, S.E., Albuquerque, and 1334 Old Country Road, Belmont, Calif.

SORGEL ELECTRIC CO., 838 W. National Ave., Milwaukee, Wis.—Fred Carlson, 1201 Dexter Ave., Seattle; J. E. Edstrom, 935 Northwest 12th Ave., Portland; Floyd H. Boyer, P.O. Box 1751, Denver; H. D. Easterbrook, 1264 S. Boyle Ave., Los Angeles; Campbell & George Co., 1601 Cortland Ave., San Francisco; James A. Setchell Co., 2115 S. 15th Ave., Phoenix and 301 W. G. St., San Diego. (See adv. page 79.)

SOUTHERN CROSS MFG. CORP., 1205 Connecticut Ave., Washington, D.C.—Charles L. Plato, 708 Garland Dr., Palo Alto, Calif; Ralph S. Altmanns, 1238 N.W. Glisan St., Portland; Marcus W. Beach, 6474 Bordeaux, Dallas.

SOUTHERN ELECTRIC PRODUCTS, 202 S. Towers St., Anderson, S.C.—Hughes Sales Co., 1907 E. 7th St., Los Angeles 21.

SOUTHERN HEATER CORP., 133 E. Palmer, Compton, Calif.—Howard C. Fletcher Co., 940 S. Alameda, Los Angeles; 1714 16th St., Oakland, and Smith Tower Bldg., Seattle.

SOUTHERN STATES EQUIPMENT CORP., Hampton, Georgia—Joseph C. Platt, 111 Bell St., Seattle; H. Lee Rawlings, 230 S. 4th West St., Salt Lake City; B. A. Franklin, 1219 California St., Denver; A. W. Graham, 604 E. 6th St., Clovis, N. Mex.; Raymond D. Andrews, 5603 N. Figueroa St., Los Angeles; W. H. Eddy, P. O. Box 1428, Phoenix; H. C. Anderson, P. O. Box 569, Portland; John H. Ormond, 2519 Seventh Ave., Oakland 6.

SPAN MASTER CRANE DIV., Jervis B. Webb Co., 9301 Reyo St., South Gate, Calif.

SOUTHWEST MACHINE PLASTIC CO., 5419 McKinley Ave., Los Angeles 11, Calif.—W. D. Howze & Co., 5603 N. Figueroa, Los Angeles.

SPANG-CHALFANT DIV. NATIONAL SUPPLY CO., 140 Stanwix St., Pittsburgh, Pa.—Branch Office: Edward A. Scanlon, 1247 Russ Bldg., San Francisco. Murphy-Hain Co., 2133 Bay St., Los Angeles; J. H. Stumph, 1000 4th Ave., Seattle. (See adv. page 55.)

SPAULDING FIBRE CO., INC., 310 Wheeler St., Tonawanda, N. Y.—C. D. LaMoree (Distributor) 1325 San Julian St., Los Angeles 15; 2221 Fourth St., Berkeley 2.

SPECIAL PRODUCTS CO., P. O. Box 188, Rockville, Md.—Fred Haight, 3212 Eastlake Ave., Seattle 2; W. H. Connors Co., 1590 Eudora St., Denver; Henry W. Rissi, 9141 E. Olema St., Temple City, Calif.

SPECIALTY BATTERY CO., 212 E. Washington Ave., Madison, Wis.—Lee H. Owens Co., 2331 W. Washington Blvd., Los Angeles 18.

SPECTROL CORP., 1704 So. Del Mar, San Gabriel, Calif.—Joe Davidson & Associates, 2803 Los Flores Blvd., Lynwood, Calif.

SPEED CONTROL DIV., Fairchild Engine & Airplane Corp., 90 Riberia St., St. Augustine, Fla.—W. C. King, 2200 E. 27th St., Los Angeles 58; Adam Hill Co., 244 Ninth St., San Francisco; Wm. J. Cottrell & Associates, 4000 S.W. Macadam Ave., Portland 1.

SPEED QUEEN CORP., Doty St., Ripon, Wisconsin—E. F. Chemnitz Co., 1355 Market St., San Francisco 3; J. R. Brem, 668 S. Coronado, Los Angeles 15; E. E. Eckstrom & Associates, 2601 Second Ave., Seattle 1; Gough Industries, Inc., 560 S. Mission Road, Los Angeles; General Appliance Corp., 341 Rio Grande St., Salt Lake City.

SPEEDWAY MFG. CO., Div. of Thor Power Tool Co., 1834 S. 52nd Ave., Cicero, Ill.—Denham Sales Service, 293 26th St., Oakland; Dudley B. Starr, 1112 S.E. River Forest Rd., Portland 22; Thor Power Tool Co., 611 East Pike St., Seattle; 315 S. Van Ness Ave., San Francisco; 6200 Slauson Ave., Los Angeles, and 1040 Speer Blvd., Denver 4.

SPENCE ENGINEERING CO., INC., 29-41 Grant St., Walden, N. Y.—Karl H. Norby, 644 Skinner Bldg., Seattle 1; Harold W. McKenzie, 100 Builders Exchange Bldg., Portland 4; Hickman Eng. Co., 420 Market St., San Francisco 11; Guy L. Warden & Sons, 209 West 12th St., Los Angeles 15; Face-Turpin & Co., 726 So. 3rd St., Salt Lake City; Boyd Eng. Co. Inc., 609 Laurel St., El Paso.

SPENCER THERMOSTAT CO., 34 Forest St., Attleboro, Mass.—(See Metals & Controls Corp.)

SPENCER TURBINE CO., 456 New Park Ave., Hartford 7, Conn.—Branch Office: 656 So. Los Angeles St., Los Angeles; Scott Equipment Co., 55 Brady St., San Francisco; Ralph L. Dyer, 812 Insurance Bldg., Seattle; Blake Smith, 3146 East Burnside St., Portland 15.

SPERO ELECTRIC CORP., 20500 St. Clair Ave., Cleveland 17, Ohio—Pete Bach, 1233 N.W. 12th Ave., Portland; Gaer Sales, 1470 Galapago St., Denver; Wm. Benndorf Co., 401 W. Jackson, Phoenix.

SPERTI-FARADAY, INC., 1322 E. Church St., Adrian, Mich.—Wm. Benndorf, 401 W. Jackson, Phoenix; Charles A. Meier Co., 1473 Harrison, San Francisco; Leonard Slusser, 318 Dooly Bldg., Salt Lake City 1; W. W. Wheat & Son, 2219 4th Ave., Seattle 4; Robert M. Schow, 1709 W. 8th St., Los Angeles 17; Gaer Sales, 1470 Galapago St., Denver.

SPORLAN VALVE COMPANY, 7525 Sussex Ave., St. Louis 17, Mo.—John A. Hogan, 1513 Mitchell Way, Redwood City, Calif.; P. J. McCarty, 327 N. Lincoln, Orange, Calif.

SPRAGUE ELECTRIC CO., Marshall St., North Adams, Mass.—Branch Office: 11325 Washington Blvd., Culver City, Calif.; Wm. J. Purdy, 312 Seventh St., San Francisco; Ronald Bowen, 446 Broadway, Denver; Edgerton, Germeshausen & Grier, Inc., 1622 S. A St., Las Vegas, Nev.

SPRAGUE METER CO., South & Sprague Sts., Bridgeport, Conn.—H. E. Basford Co., 235 15th St., San Francisco.

SQUARE D COMPANY, Western Division, 4335 Valley Blvd., Los Angeles 32, Calif.—Branch Offices and also Factories: 211 Industrial St., San Francisco 24; 830 Corwin Pl., Seattle 44; 711 S.E. Ankeny St., Portland 12, W. 242 Riverside, Spokane, 1331 "T" St., Sacramento 14, Rm. 604 Calif. Theatre Bldg., San Diego 1. Agents: Electrical Equipt. Co., 561 Divisadero, Fresno; A. M. Campbell Co., 710 West Colfax, Denver 4, and 3029 Pershing Dr., El Paso; Sun Valley Electric Mfg. Co., 106 Buchanan, Phoenix; A. E. Linzer, 307 Liliuokalani, Honolulu, T. H.

Continued on Page 56

SPANG®

Quality Control PAYS OFF AT WEST PENN POWER

100,000 feet of SPANGLEAM EMT and SPANG HD installed in new general office building

All the wiring for lighting and other electrical needs of West Penn Power Company's new $4,500,000 general office building at Cabin Hill, Greensburg, Pennsylvania, is protected by SPANGLEAM EMT thin wall conduit and SPANG HD galvanized conduit. Here's what electrical contractor personnel had to say about how SPANG's *quality control* helped installation progress.

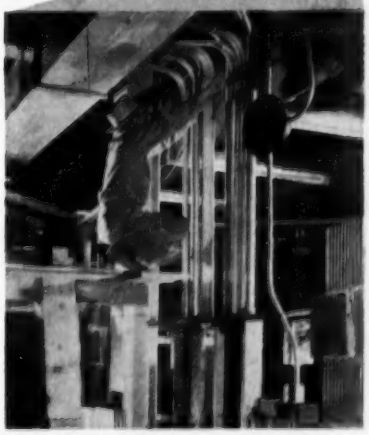
The project engineer for the Howard P. Foley Company noted that the SPANGLEAM EMT, bundled in blue plastic tape, was particularly easy to handle. This bundling proved to be a safety factor, since sections of the conduit did not slip out as sometimes happens with conduit bundled by rope.

Roy Stoy, electrical sub-foreman on the job, said, "The bending quality of SPANGLEAM EMT proved to be most satisfactory, and there was no cracking, chipping or peeling of the finish."

About SPANG HD galvanized conduit Mr. Stoy remarked, "SPANG HD has easier threading and reaming qualities. There were no burrs or other inside obstructions."

That's SPANG *quality control* at work for West Penn Power! It's a result of careful control during manufacture, finishing and inspection at SPANG's Etna Plant. It produces *top-quality* SPANG Conduit, ideal for every type electrical installation.

Let SPANG *quality control* work for you! Try it on your next installation. Your local SPANG Distributor carries the complete SPANG conduit line. He'll give you *top-quality* service, too!



Both SPANGLEAM EMT and SPANG HD Galvanized Conduit connect with this control panel at West Penn Power Company's headquarters building. Power will be supplied by two 208/110-volt transformers and one 480-volt transformer.

- Owner:
  West Penn Power Company, Greensburg, Penna.
- Architect:
  Hoffman & Crumpton, Pittsburgh
- General Contractor:
  O. H. Martin Associates, Pittsburgh
- Electrical Contractor:
  Howard P. Foley Company, Pittsburgh
- Spang-Distributor:
  Graybar Electric Co., Inc., Pittsburgh

SPANG® CONDUIT

SPANG-CHALFANT
Division of The National Supply Company
GENERAL SALES OFFICE
TWO GATEWAY CENTER, PITTSBURGH, PA.
District Offices and Sales Representatives in Principal Cities

STACKPOLE CARBON CO., Tannery St., St. Marys, Pa.—Branch Offices: Pacific Coast Manager, J. E. Hoben, 2117 Poppy Dr., Burlingame, Calif.; S. L. Spraggins Co., 373 S. Robertson, Beverly Hills, Calif.

STAHL METAL PRODUCTS, INC., 3490 W. 140th St., Cleveland, Ohio—Lambert Ltd., 1202 E. Olympic Blvd., Los Angeles; Critzer Equipment Co., East 3904 Front Ave., Spokane 24; Northwest Truckstell Sales, Inc., 835 S.E. Hawthorne Blvd., Portland 14; C & H Truck Equip. Co., 1000 4th South, Seattle; Superior Coach Sales, 2928 E. Washington St., Phoenix; Superior Bus & Amb. Sales, 1540 Old Bayshore Highway, Burlingame, Calif.

STANDARD ELECTRIC TIME CO., THE, 113 Logan St., Springfield, Mass.—Branch Offices: 16 Beale St., San Francisco; 5405 Sheila St., Los Angeles; New World Life Bldg., Seattle; 5606 S. State St., Salt Lake City; 1925 Blake St., Denver; 1725 N.E. 44th St., Portland.

STANDARD ENGINEERING & MFG. CO., 3755 Blake St., Denver, Colo.

STANDARD ELECTRIC EQUIPMENT, 100 Wilkins Ave., Port Chester, N. Y.—James G. Pope, Jr., 1827 S. Hope, Los Angeles.

STANDARD OIL CO. OF CALIF., 200 Bush St., San Francisco, Calif.—Sales Offices: Oakland, Los Angeles, Long Beach, San Diego, Bakersfield, Sacramento, Fresno, Phoenix, Portland, Salt Lake City, Spokane and Seattle.

STANDARD TOOL CO., 3950 Chester Ave., Cleveland 14, Ohio—Earl Vinal, 1301 Howard St., San Francisco; E. M. Kepner, 619 Delaware Rd., Burbank, Calif.; F. L. Allen, 1906 N.E. Liberty St., Portland; S. C. Lewis, 10423 LaTuna Canyon Rd., Sun Valley, Calif.; J. E. Talbelm, 5949 Tampa Ave., Tarzana, Calif.

STANDARD TRANSFORMER CO., 140 Dana St., N.E. Warren, Ohio—Kirk-Palka Co., 415 Wall St., Los Angeles 13 and 420 Market St., San Francisco 11; J. C. McDougall, 520 1st Ave. South, Seattle 4; A. J. Elggren & Sons, 428 S.W. Temple St., Salt Lake City; Nelson English, 1231 N.W. Hoyt St., Portland 9; Mark G. Mueller Co., 1644 Blake St., Denver 2; J. H. Ormond Co., 2519 Seventh Ave., Oakland; A & A Supply Co., 114 Morningside, Albuquerque.

STANLEY ELECTRIC TOOLS, 480 Myrtle St., New Britain, Conn.—108 West 6th St., Los Angeles; 923-929 Monadnock Bldg., San Francisco; 105 Second Ave. N., Seattle.

STAR-A ELECTRIC MFG. CO., 269 Meserole St., Brooklyn, N. Y.—R. J. Heineman, 1431 Minor Ave., Seattle; W. B. Roth, 630 Jasmine St., Denver; S. Borkvist, 6216 Laird Ave., Oakland 5.

STAR EXPANSION BOLT CO., 147 Liberty St., New York City—Branch Offices: 2046 Arapahoe St., Denver 2; 5312 E. Beverly Blvd., Los Angeles 24; 2360 San Bruno Ave., San Francisco 5.

STAR MFG. CO., 6300 St. Louis Ave., St. Louis, Mo.—Mel Wilson, P. O. Box 385, Montrose, Calif.; Harold J. Wolfe, 500 Wall St., Seattle; J. C. Williams, P. O. Box 1494, Denver.

STATES COMPANY, THE, 19 New Park Ave., Hartford, Conn.—Western representatives: George E. Honn Co., 420 Market St., San Francisco; Arthur E. Booth Co., 265 S. Alexandria Ave., Los Angeles 4; G. L. Hoffman, 3007 S.W. Nebraska St., Portland 19; Mountain States Machinery Co., 1526 Blake St., Denver; Conely Engineering Co., 165 So. 1st West St., Salt Lake City; J. E. Redmond Co., 625 W. Madison St., Phoenix; F. W. Gorman, 1701 Texas St., El Paso; J. Ridenbaugh, 1330 N. 12th St., Albuquerque.

KIRK-PALKA CO.

Engineers & Representatives

UTILITY & INDUSTRIAL ELECTRICAL EQUIPMENT

415 WALL ST. Phone Michigan 3651 LOS ANGELES 13

Representing:

DELTA-STAR ELECTRIC DIVISION

H. K. PORTER COMPANY, INC.

High Voltage Switching Equipment

THE STANDARD TRANSFORMER CO.

Transformers — Unit Substations

METROTYPE CORPORATION

Digital Recording Systems, Remote and Automatic

STANDARD TRAILER CO., 415 Park St., San Leandro, Calif.—T. A. Ford Co., 320 S. San Marino Ave., San Gabriel, Calif.; Saguaro Body & Equipment Co., 1500 S. 7th St., Phoenix; McCabe Powers Auto Body Co., distributors in all other states—address 5900 N. Broadway, St. Louis, Mo.

STANDARD TRANSFORMER CORP., 3580 Elston Ave., Chicago 18, Ill.—W. Bert Knight Co., 10307 W. Pico Blvd., Los Angeles 64; The Russ Hines Co., 228 9th St., San Francisco 3; Ronald G. Bowen, 852 Broadway, Denver 3; Don H. Burcham Co., 917 S. W. Oak St., Portland 5, and 1327 Norcross Way, Seattle.

STATE WIRE AND CABLE CORP., S. River St., Coxsackie, N. Y.—Jim Sherriffs Co., 1105 S. La Brea Ave., Los Angeles 19; John Allen Ware, 301 West G St., San Diego.

STA TITE MFG. CO., 816 Delaware St., Kansas City, Mo.—W. W. Wheat & Sons, 2219 4th Ave., Seattle; James C. Pope, Jr., 1421 S. Flower, Los Angeles; L. D. Hood Sales Agency, Lakewood, Colo.

STEAM ELECTRIC MFG. CO., 3456 S. Grand, St. Louis, Mo.—Martin Dist. Co., 175 Jesse St., San Francisco 5.

STEAM-O-MATIC CORP., 6618 E. 37th St., Kansas City, Mo.—Branch 3120 W. 9th St., Los Angeles.

STEARNS MAGNETIC, INC., 696 South 28th St., Milwaukee 45, Wis.—Branch Office: 53 Stevenson St., San Francisco—also Los Angeles, Calif.

STEBER MFG. CO., 2700 Roosevelt Road, Broadview, Ill.—Branch: 242 S. Anderson St., Los Angeles.—Hodges & Glomb, 921 Bryant St., San Francisco 3; Murphy-Hain Co., 2133 Bay St., Los Angeles; Northwestern Agencies, 4130 First Ave., South, Seattle 4; Allen B. Carpenter Co., 820 12th St., Denver 4.

STEEL CITY ELECTRIC CO., 1207 Columbus Ave., Pittsburgh, Pa.—Hodges & Glomb, 921 Bryant St., San Francisco 3; Murphy-Hain Co., 2133 Bay St., Los Angeles; Northwestern Agencies, 4130 First Ave., South, Seattle 4; Fred E. Staible & Sons, 2046 Arapahoe St., Denver 2; Electrical Eng. & Sales, Box 3143, El Paso.

STEEL CO., HERMAN D., Lafayette Bldg., Philadelphia 6, Pa.—George L. Hoffman, 3007 S. W. Nebraska St., Portland 1; George E. Honn Co., 420 Market St., San Francisco; Len Powell, 2101 Corinth, Dallas; Frank W. Gorman, Box 228, El Paso.

STEELDUCT CO., Republic Bldg., Youngstown, Ohio—Tri-State Supply Corp. in following cities: Tri-State Supply Corp., 544 So. San Pedro St., Los Angeles 13; 554 Bryant St., San Francisco 7; L. S. Reed & Co., 1018 Lawrence St., Denver 4; Wm. O. Proby & Associates, 522 First Ave. S., Seattle and 135 N.W. Park Ave., Portland.

STEEL & TUBES DIV., REPUBLIC STEEL CORP., 200 E. 131st St., Cleveland, Ohio — Branch Offices: General Petroleum Bldg., Los Angeles; 225 Rialto Bldg., San Francisco; Continental Oil Bldg., Denver. Agents: J. C. Shaffer, 139 S.E. Taylor St., Portland 14; E. H. Nelson, 312 Occidental Ave., Seattle 4; J. Wm. Hollister, W. 1835 Broadway, Spokane 10.

STEMM BROS., INC., 14th and Commercial, Leavenworth, Wash.—Nelson Equipment Co., 5251 McLoughlin Blvd., Portland; Stanco Mfg. & Sales, 1931 Pontius Ave., Los Angeles; Stratton Equipment, Ltd., 1305 W. Georgia St., Vancouver 5, B. C. Export only.

STEPHENS-ADAMSON MFG. CO., 274 Ridgeway Ave., Aurora, Ill.—Branch Offices: 2227 E. 37th St., Los Angeles; 145 Mission St., San Francisco; 714 Jos. Vance Bldg., Seattle; C & H Spencer & Co., 210 W. 33rd S., Salt Lake City.

STEPHENS MFG. CORP., 8538 Warner Drive, Culver City, Calif.—Roland Olander & Co., 7225 Beverly Bvd., Los Angeles; Bill Kolans & Co., 101 San Felipe Ave. S., San Francisco.

M. STEPHENS MFG. CO. INC., 814 E. 29th St., Los Angeles, Calif.—The McLoughlin Co., 811 E. 14th Place, Los Angeles; Keeler-White Co., 615 Seventh St., San Francisco, 322 N.W. 4th Ave., Portland and 1041 Sixth Ave. S., Seattle.

STERLING ELECTRIC MOTORS, INC., 5401 Telegraph Road, Los Angeles 22, Calif.—District Office: G. O. Johnson, 283 Brannan St., San Francisco; John W. Ricker, Mgr., 1712 First Ave., South, Seattle; C. C. Conley, Mgr., 404 N.W. Broadway, Portland; James R. Hughes, Box 145, Denver; O. M. MacNaMa, 5401 Telegraph Rd., Los Angeles.

STERLING MFG. CO., 7200 Wentworth Ave., Cleveland, Ohio—Brenner-Fiedler & Associates, 551 N. Spaulding Ave., Los Angeles.

STERLING SIREN FIRE ALARM CO., 56 Allen St., Rochester, N. Y.—H. H. Van Luven Co., 120 S. Hewitt, Los Angeles.

STERLING VARNISH CO., Haysville Borough, Sewickley, Pa.—Western Fiberglas Co., 739 Bryant St., San Francisco 7 and 3049 E. 12th St., Los Angelse 23.

STERN-BROWN, INC., 42-24 Orchard St., Long Island City, New York—W & B Stone, 1355 Market St., San Francisco; Cohn & Shane, Inc., 1323 Venice Blvd., Los Angeles; D. S. Cotterlin, 1024 11th St., Modesto, Calif.; Nate Goodman, 1290 Colorado, Denver; Harold Gray, 2724 Williams Ave., Bellingham, Wash.

STEVENS-ARNOLD, INC., 22 Elkins St., S. Boston, Mass.—Associated Industries, 1752 Rainier Ave., Seattle; Weightman & Associates, 1405 W. Magnolia Blvd., Burbank, Calif.

STEVENS MFG. CO., INC., P. O. Box 1007, Mansfield, Ohio—Paul H. Potter & Associates, 5107 Telegraph Rd., Los Angeles.

STEWART STAMPING CO., 630 Central Park Ave., Yonkers 4, N.Y.—G. M. Howard Associates, 1282 Folsom St., San Francisco 7.

STEWART-WARNER ELECTRIC, 1300 N. Kostner Ave., Chicago 51, Ill.—Keyco Distributors, Inc., 512 Second St., San Francisco; Harry L. Shane, Inc., 160 W. 33rd St., Los Angeles 7; Pacific Stationery, 415 S.W. Second Ave., Portland 4; Stusser Elec., 2346 First Ave. So., Seattle 4; True's Dist. Co., 521 E. Sprague, Spokane; ZCMI Distributors, 1665 Bennett Rd., Salt Lake City; Electric Supply, P.O. Box 1353, Albuquerque.

STICHT CO., INC., HERMAN H., 27 Park Place, New York City—James L. Kearns Co., 6055 N. E. Glisan St., Portland 16; T. R. Routh Co., 742 Market St., San Francisco 2.

STOCKER & YALE, INC., Green St., Marblehead, Mass.—The McLoughlin Co., 811 East 14th Pl., Los Angeles; Victor W. Johnson, 1025 W. Whitley, Whittier, Calif.

STOCKWELL TRANSFORMER CORP. OF OHIO, 884 W. Waterloo Rd., Akron, Ohio—Central Station Eng. Co., 2323 Aviation Highway, Tucson; C. A. D. Young, 726 Colorado Bldg., Denver 2; Bracken Sales Agency, 923 E. Third St., Los Angeles.

STONCO ELECTRIC PRODUCTS CO., 333 Monroe Ave., Kenilworth, N.J.—The McLoughlin Co., 811 E. 14th Pl., Los Angeles; Bruce-Emmett Co., 330 S. E. Alder, Portland; 1016 First Ave. S., Seattle; J. C. Epperson Co., 50 Hawthorne St., San Francisco 5; R. D. Florance & Associates, 2052 Humboldt St., Denver 5.

STOVE & CO., ROY C. (See Air-Tron, Inc.)

STRAIT & RICHARDS, INC., 23-48 Selvage St., Newark 8, N.Y.—Sold direct to dealers, jobbers.

STROMBERG-CARLSON CO., 100 Carlson Road, Rochester, N. Y.—Radio Tel. Supply Co., Inc., 341 W. 18th St., Los Angeles 15; Spokane Paper & Stationery Co., 152 So. Jefferson St., Spokane 8; Standard Supply Co., 531 South State St., Salt Lake City; Harry Arnsberg Co., 417 Southwest 12th Ave., Portland 5.

STROMBERG TIME CORP., 135 S. Main St., Thomaston, Conn.—Branches: D. J. Burton, 1817 Third Ave., Los Angeles 19; H. B. Mattoon, 420 Market St., San Francisco 11. Exclusive Dealers: Eicher & Co., 263 Colman Bldg., Seattle 4; E. L. Taylor, 2011 Glenarm St., Denver; George W. Goddard Co., 24th St. and Wall Ave., Ogden.

STRONG ELECTRIC CORP., Brown & Sterling Sts., Toledo, Ohio—C. J. Holzmueller, Lighting, 1108 Howard St., San Francisco.

STRUTHERS-DUNN, INC., Lamb's Road, Pitman, N. J.—Eicher & Co., 263 Colman Bldg., Seattle 4; Edward S. Sievers, 1662 Hillhurst Ave., Los Angeles 27 and 926 Natoma St., San Francisco; Eichorn & Melchoir, 749 Bryant St., San Francisco 7.

STUPAKOFF DIV. OF CARBORUNDUM CO., Latrobe, Pa. — Eichorn & Melchoir, 749 Bryant St., San Francisco 7; Lloyd E. West Co., 557 E. Walnut St., Pasadena, Calif.; D. S. Bowman, The Carborundum Co., Alviso Rd. and Evelyn Ave., Mt. View, Calif.

SUB-ZERO FREEZER CO., Box 2017, Madison, Wis. — Gregnall Co., 1355 Market St., San Francisco.

SUFLEX CORP., 33-40 57th St., Woodside 77, New York—Tri-State Supply Corp., 544 S. San Pedro St., Los Angeles; 554 Bryant St., San Francisco and 318 Occidental Ave., Seattle.

SUNBEAM LIGHTING CO., 777 E. 14th Place, Los Angeles, Calif. —Humber & Walker Co., 1485 Bayshore Blvd., San Francisco 3; Robert E. Jones, 444 Dexter-Horton Bldg., Seattle 4; E. T. McGillan, 513 S. Amherst, Albuquerque; John Schulter, 411 Weatherly Bldg., Portland; The Darger Co., 211 S. 2nd West St., Salt Lake City; Carl Petersen, 2060 Milan St., South Pasadena, Calif.

SUNLITE MFG. CO., 2555 Bellevue, Detroit 7, Mich.—Fred C. Wood Co., 1355 Market St., San Francisco.

SUNROC CO., Glen Riddle, Pa.—Branch Office: Sunroc Western Co., 2216 W. 11th St., Los Angeles 6 and 204 Davis St., San Francisco; Industries Supply Co., 4th and J St., San Diego; Ed T. Olsen Equipment Co., 1200 S. State, Salt Lake City; Imperial Hardware Co., El Centro, Calif.; Keenan Pipe & Supply, 2112 E. 27th St., Los Angeles; Slakey Bros., Inc., 1400 N. "C" St., Sacramento; Stubbs Electric, Portland; Stores Equip. Co., Denver.

SUNWARM, INC., 2353 Ft. Henry Dr., Kingsport, Tenn. — Joseph Liner, 338 E. 2nd St., Los Angeles 12; M. Levin, 2331 S.W. 1st Ave., Portland.

SUPERIOR CARBON PRODUCTS, INC., 9115 George Ave., Cleveland, Ohio—**Sales Office: Joseph D. Costello Co., 2107 Seventh Ave., Los Angeles 18.**

SUPERIOR ELECTRIC CO., 83 Laurel, Bristol, Conn. — Fred Haight Co., 3212 Eastlake, Seattle; E. S. Williams, 1436 N. Serrano Ave., Hollywood 27; Marvin Stokem, 1246 Junipero Ave., Redwood City, Calif.

SUPERIOR ELECTRIC PRODUCTS CORP., 1507 Independence St., Cape Girardeau, Mo. —James M. Gaisford, 3121 E. 12th St., Los Angeles; P. D. Lonengan, 2815 Boylston N., Seattle, Wash.

SUPERIOR FUSE & MFG. CO., INC., 221 Hudson St., Hoboken, N. J.—Frank H. Bran Co., 607 E. 6th St., Los Angeles.

SUPERIOR INSULATING TAPE CO., 3109 Lambdin Ave., St. Louis 15, Mo.—Ed Siegert Agency, 320 S.W. Stark St., Portland 4; **Agencies Co., 836 Traction Ave., Los Angeles 13; McMillen-Stanley Sales Corp., 778 Natoma St., San** Francisco 3; Anderson-O'Donnell Co., 1452 Galapago St., Denver 4.

SUPERIOR PORCELAIN CO., 931½ Market St., Parkersburg, West Va.—Eckert-Lloyd Co., 2115 So. San Pedro, Los Angeles; Albert S. **Knight Co., 3010 Western Ave., Seattle; Thomas D.** Noble Co., **210 12th St., San Francisco.**

SUPERIOR SWITCHBOARD & DEVICES CO., 410 Schroyer S. W., Canton, Ohio—T. S. Wood, 220 9th Ave. N., Seattle; L. A. Nott, 1061 Howard St., San Francisco; Robt. A. Young & Co., 3901 San Fernando Road, Glendale, Calif.; Carlos W. Stone, 230 S. 4th St., West, Salt Lake City; B. A. Franklin Sales, 1219 California St., Denver; A & A Supply Co., 114 Morningside Dr. N.E., Albuquerque.

SUPREME ELECTRIC PRODUCTS CO., 194 Vassar St., Rochester 7, N. Y.—A. C. Patterson, P.O. Box 281, Torrance, Calif.

SUPREME LIGHTING CO., 600 E. Turner, Los Angeles, Calif.—Guyde Leuze & Associates, 1485 Bayshore Blvd., San Francisco; Steve Towa, 3637 E. Indian School Rd., Phoenix; George Stallman, 129 1st Ave. West, Seattle.

SURETY RUBBER CO., N. High St., Carrollton, Ohio — Branch Office: H. A. McIntosh, 544 Market St., San Francisco; Ken Best, 541 1st Ave., Seattle.

SUSANNE LIGHTING PRODUCTS, 1515 Gentry St., No. Kansas City, Mo.—R. L. Lamberth, **320 Judah, San Francisco; Joe Blonder Agencies 1133 N. W. 19th Ave., Portland 9.**

SUTTON CORP., THE O. A., 1812 W. Second St., Wichita, Kansas —**Northwestern Auto Supply Co., 424 No. Broadway, Billings;** Sues, Young & Brown, Inc., **3636 So. Bronson Ave., Los Angeles;** Leo J. Meyberg Co., 23 Gough St., San Francisco; Elec Supplies Dist. Co., San Diego, and El Centro, Calif.; Slakey Bros., 791 66th Ave., Oakland with Branches in Sacramento, San Jose, and Modesto, Calif.; Taylor Dist. Co., Spokane; Lou Johnson, Inc., 1506 N.W. Irving, Portland; Wholesale Builders Supply, Albuquerque.

SWARTZBAUGH MFG. CO. (See Tropic-Aire, Inc.)

SWARTWOUT CO., 18511 Euclid Ave., Cleveland, Ohio—DePartee Co., 1817 Olive Way, Seattle 4; John L. Harvey Co., S-121 Monroe, Spokane; A. C. LoPrest Co., 551 Minna St., San Francisco 3; Albuquerque Eng. Co., 2722 Hyder Dr., Albuquerque; Williams, Gritton & Wilde, 204 Dooly Bldg., Salt Lake City; Ed. F. Giles Co., 3741 E. 8th Ave., Denver; Warren Cress Co., 201 Concord Building, Portland; The Swartwout Co., 317 West Main, Alhambra, Calif.

SWIVELIER CO., INC., 42-34th St., Brooklyn 32, N. Y.—Keebler & Parrish, 1341 S. Hope St., Los Angeles; George E. Anderson Co., 1901 Griffin St., Dallas; Northwestern Agencies, 4130 First Ave., So., Seattle; H. B. Squires Co., **156 Eighth St., San Francisco;** Marshall B. James, 2941 N.W. Quincy, Portland; E. T. Vonier, **1600 Elati, Denver 8; The Darger Co., 828 W. Second, South St., Salt Lake City.**

SYLVANIA ELECTRIC PRODUCTS, INC., 1740 Broadway, New York City 19, N. Y. — Western Regional Offices: 215 Market St., San Francisco, Garlan Morse, Pacific Coast Director of Sales. Branch Offices: 2936 E. 46th St., Los Angeles; 1041 LeRoy St., San Diego; 6450 Hollis St., Emeryville, Calif.; 428 S. Main St., Salt Lake City; 3446 F. Marginal Way, Seattle; 1020 S.W. Taylor, Portland; 13325 E. 15th St., Spokane.

SYNTRON CO., Homer City, Pa.—Branch Offices: 3413 State St., South Gate, Calif.; **59 30th St.,** San Francisco **10; 2310 N. E. Stanton St., Portland; 15228 8th** Ave., S., Seattle 88; 353 W. 4th South, Salt Lake City 5; 1166 Elati St., Denver 4; 2144 N. Campbell Ave., Tucson.

T. A. FORD COMPANY INC.

Engineering and Service Representative

1. **Standard Trailer Company**
   Hydraulic Equipment for Utilities
2. **Safety Live Line Tool Company**
   Hot Line Tools
3. **Nickel Cadmium Battery Corporation**
   Station and control Batteries
4. **Bartlett Manufacturing Company**
   Tree Trimming Tools
5. **Thompson Trailer Company**
   Hydraulic Equipment

320 South San Marino Ave., San Gabriel, California, Cumberland 3-3116

SYSTEM ANALYZER CORP., 700 West State St., Nokomis, Ill.—W. G. Mills, 2101 Airport St., Spokane; Montana Elec Supply, Billings.

SYSTEM ELECTRICAL PRODUCTS, 2780 Century Blvd., Lynwood, Calif.—Pete Bach, 1233 N. W. 12th Ave., Portland.

TKM ELECTRIC CORP., 1160 University Ave., Rochester 7, N. Y.—Joe Davidson & Associates, 2803 Los Flores Blvd., Lynwood, Calif.

TACA CABLE STRIPPER, INC., 1313 N. Mission Road, Los Angeles, Calif.—Western Electric Co., 800 McGarry St., Los Angeles; Kellogg Switchboard Co., 1663 Mission St., San Francisco.

TACO HEATERS, INC., 1160 Cranston St., Cranston 9, R. I.—Koran Co., 106 Beeson Bldg., Edmonds, Wash.; Ed Lokey, 10340 N.E. Sandy Blvd., Portland; Pittsburgh Pacific Eng. Sales, 2140 Hyperion Ave., Los Angeles.

TAFT-PIERCE MFG. CO., P. O. Box 346, Woonsocket, R.I.—Machinery Sales Co., 2838 Leonis Blvd., Los Angeles; Machinists Tool Supply Co., 3690 Sante Fe Ave., Los Angeles; Joseph C. Fletcher, **1415 Folsom, San Francisco; B-H-S Machinery Sales, 1274 Folsom, San Francisco; Cragin & Co., 932 First** Ave. S., Seattle.

TAKK CORPORATION, Newark, Ohio—Ed Ottsman & Sons, 536 Sansome St., San Francisco; E. G. Paules, 1762 W. Vernon Ave., Los Angeles.

TAL BENDER, INC., 417 N. Water St. Milwaukee, Wis. — Fornaciari Co., 5350 E. Washington Blvd., Los Angeles; Graybar Electric Co., San Francisco and Oakland; Hendrie & Bolthoff Co., 1635 17th Ave., Denver; Northwestern Agencies Inc., 4130 First Ave. So., Seattle; George F. Howe, 247 Irvington St., Daly City, Calif.

TAPECOAT CO., 1521-23 Lyons St., Evanston, Ill. — Branch Offices: **3660 Olive St., Denver; 16051 Via Toledo, San Lorenzo, Calif., 557** E. Walnut St., Pasadena 1.

TAPER TUBE POLE CO., Monadnock Bldg., San Francisco, Calif.

TAR HEEL MICA CO., Plumtree, N. C.—Electrical Specialty Co., 518 Eleventh St., San Francisco; 1101 Stout St., Denver 2; **418 E. 3rd St., Los Angeles 13 and 2406** First Ave. So., Seattle 4.

TAYLOR FIBRE CO., Norristown, Pa.—Plant: La Verne, Calif.

TAYLOR CO., HALSEY W., 1259 N. Park Ave., Warren, Ohio—**John H. Butthoff, 1102 Eighth Ave.,** Seattle 1.

TAYLOR-WINFIELD CORP., 1052 Mahoning, N.W., Warren, Ohio—Denton & Anderson, 5526 N. Rosemead Blvd., Temple City, Calif.; **Industrial Specialties, 940 S.E. 7th Ave., Portland; Denton & Anderson, 521 W. Jefferson Ave.,**

THE JOHN CARDER JR. COMPANY

1624 NORTH FIRST ALBUQUERQUE, NEW MEXICO

Electrical Agents To The Wholesale Trade

Dallas; Dawson Mach. Co., 5700 First Ave. S., Seattle; Johnson Supply Co., 1414 Wazee St., Denver.

TECHNICAL APPLIANCE CORP., 1 Taco Ave., Sherburne, N. Y.—James J. Backer, 2321 2nd Ave., Seattle; Lee Owens, 2331 W. Washington Blvd., Los Angeles; David H. Ross Co., 534 El Camino **Real, San Carlos, Calif.**

TECHNICRAFT LABORATORIES, INC., Thomaston-Waterbury Rd., Thomaston, Conn.—Westron, 7407 Melrose Ave., Los Angeles 46.

TEKTRONIX, INC., P.O. Box 831, Portland 7, Ore.—Hytronic Measurement Associates, 446 Broadway, Denver 3; Hawthorne Electronics, 700 S.E. Hawthorne Blvd., Portland; Neely Enterprises, 107 Washington St., S. E., Albuquerque, 7422 Melrose Ave., Los Angeles 46, 641 East Missouri, Phoenix, 1317 15th St., **Sacramento 14, 1029 Rosecrans St., San Diego 6 and 2830 Geary Blvd., San Francisco 18.**

TELECHRON, Dept. of General Elec. Co., Homer Ave., **Ashland, Mass.—J. T. Casey, 1151 S. Broad**way, Los Angeles; J. J. Burns, 1355 Market St., San Francisco; J. C. Platt, 2218 Fourth Ave., Seattle; James H. Blinn Co., 1140 **Speer Blvd., Denver; W. M. Cousens,** 2040 Verdugo Knolls Dr., Glendale, Calif.

TELECOM, INC., 1019 Admiral Blvd., Kansas City, Mo.—Reps.: Syd Jurin Co., 3853 Oakwood Ave., Los Angeles 4; Wm. Kolans & Co., 101 San Felipe Ave., South San Francisco; Dale G. Weber Co., 234 Sherlock Bldg., Portland; Peyser & Co., 1501 No. Weber St., Colorado Springs, Colo.

TEL-E-LECT PRODUCTS, INC., 10001 Minnetonka Blvd., Minneapolis, Minn.—American Equipment and Body Co., 1461 E. Washington Blvd., Los Angeles 33; Truck Equip. Co., 3963 Walnut St., Denver 5; Utility Body Co., 1530 Wood St., Oakland, Calif.; Williamsen Body and Equipment Co., 933 Wall St., Ogden, Utah; Robbins Utilities Equip. Co., 3423 4th Ave. So., Seattle; Douglas Hood Co., 1947 N.W. Overton, Portland.

TENSOLITE INSULATED WIRE CO. INC., 198 Main St., Tarrytown, N.Y.—G. S. Marshall Co., 46 South Los Robles, Pasadena and 2015 El Camino Real, Redwood City, Calif.; M. K. Widdekind Co., 216 First Ave. N., Seattle 9.

TEMPLETON, KENLY & CO., Gardner & 16th, Broadview, Ill.—Branch Office, 1635 E. 22nd St., Los Angeles 11, Mr. Wm. S. Pine, Mgr.; William Zepp, 720 Bancroft Rd., Concord, Calif.; Graybar Electric Co. and Westinghouse Electric Supply, all principal cities.

TERMITE DRILLS, INC., 99 N. Lotus Ave., Pasadena, Calif.—Clark & Sawyer, 2012 E. 7th St., Los Angeles 21.

THERMADOR ELECTRICAL MFG. CO., 5119 District Blvd., Los Angeles, Calif. (See Norris Thermador).

THERMO-MAT CO., 314 So. Robertson, Los Angeles, Calif.—Sold direct.

THIEL TOOL & ENGINEERING CO., 1417 N. Market St., St. Louis 6, Mo.—M. Levin, 2337 S.W. 47th Ave., Portland; Gordon W. Laursen & Son, 1116 Dartmouth Dr., N.E. Albuquerque; Keeler White Co., 615 Seventh St., San Francisco 3 and 436 Colyton St., Los Angeles 19.

THOMAS & BETTS CO., 36 Butler St., Elizabeth N. J.—Branch Office: Karl G. Kempf, Pac. Coast Dist. Mgr., 459 E. Fourth St., Los Angeles 13; E. L. Johnson, 645 Phelps St., San Francisco 24; Frank A. Strohecker, 2207 First Ave. S., Seattle 4.

THOMAS ELECTRONICS, INC., 119 9th St., Passaic, N. J.—Harry A. Lasure Co., 9041 W. Pico Blvd., Los Angeles 35.

THOMAS FLEXIBLE COUPLING CO., Maine Ave. & Biddle St., Warren, Pa.—W. A. Hoppe Co., 3305 E. Slauson Ave., Los Angeles 58; Brooks Equipment Co., 636 Potrero Ave., San Francisco; Seattle Equipment & Supply, Inc., 3429 4th Ave. South, Seattle.

THE R. THOMAS & SONS, CO., Washington St., Lisbon, Ohio—Ken H. Best, 541 1st Ave. So., Seattle; George E. Honn Company, 420 Market St., San Francisco; R. E. Cunningham & Son, Pacific Mutual Bldg., Los Angeles 14; Hamilton & Associates, 1236 Elati, Denver 4; W. H. Eddy Elec. Prod. Inc., P. O. Box 1428, Phoenix; United Elec. Supply Co., 117 W. 4th South St., Salt Lake City 8; Triangle Elec. Supply Co., Box 1731, El Paso.

THOMPSON CO., GEORGE E., 616 41st Avenue North, Minneapolis, Minn.—Eta-Hopkins-Galvin, 4730 East 14th St., Oakland; Graybar Electric Co., Inc., and General Electric Supply in all principal cities; State Electric Supply Co., Inc., Albuquerque.

THOMPSON ELECTRIC CO., 1111 Power Ave., Cleveland, Ohio—Ernest F. Hauck Co., 1282 Folsom, San Frncisco; B. T. Heins Co., Dexter Horton Bldg., Seattle; Bracken Sales Agency, 923 E. Third St., Los Angeles 13; The Darger Co., 211 S. Second West St., Salt Lake City; Howard F. Condon, 829 15th St., Denver 2.

THOR CORPORATION, 2115 S. 54th Ave., Chicago 50, Ill.—Branch Office: Room 957A, 1355 Market St. San Francisco 3; (Headquarters, Western Div.) Appliance Distributors, 218 S. 11th Ave., Phoenix, Ariz; Appliance Distributors, 204 S. Park Ave., Tucson, Ariz. and 1409 Texas St., El Paso; Broili-Parks Company, 2225 19th St., Sacramento 14, Calif.; Jensen-Byrd Company, 314-24 Riverside Ave., P.O. Box 2172, Spokane, Wash.; Kieruliff and Company, 725 "L" St., Fresno 1, Calif.; Kieruff and Company, P.O. Box 27, Maywood, Calif.; Covington Dist. Corp., 34 No. Hamilton St., Houston.

THOR POWER TOOL CO., 175 N. State St., Aurora, Ill. — Branch Offices: 1040 Speer Blvd., Denver; 6200 Slauson Ave., Los Angeles; 315 S. Van Ness Ave., San Francisco; 611 E. Pike St., Seattle.

THORDARSON MEISSNER MANUFACTURING DIV., Seventh & Belmont, Mt. Carmel, Ill—1216 Venice Blvd., Los Angeles 6; Richard Legg Co., 3834 S.E. Milwaukie Ave., Portland 2; Hyde Sales Co., 3250 So. Dexter St., Denver 20 and 2220 Utah St. N. E., Albuquerque.

THREAD-EZY MFG. CO., 325 N. Shiawasse St., Corunna, Mich.—Any supply house.

THRUSH & CO., H. A., West 8th St. at Jefferson, Peru, Ind.—M. N. Musgrave & Co., 2019 Third Ave., Seattle 1; 424 Hutton Bldg., Spokane 9; 1220 S. W. Stark St., Portland; Eric Roberts, 147 Market St., San Francisco 5; Hess, Greiner & Polland, 1700 S. Main St., Los Angeles 15.

TIERNEY ELECTRICAL MFG. CO., 2713 1st Ave. S., Seattle 4, Wash.

TIME-O-MATIC CO., 1166 Bahls St., Danville, Ill.—Northwestern Agencies, Inc., 4130 First Ave. S., Seattle 4; L. A. Nott & Co., 1061 Howard St., San Francisco.

TITAN MFG. CO., INC., 701 Seneca St., Buffalo, N.Y.—Earl Eckstrom & Associates, 2601 2nd St., Seattle; Allen B. Carpenter Co., 820 12th St., Denver; Eric F. Chemnitz Co., 1148 S. Grand, Los Angeles and 1355 Market St., San Francisco.

TITCHENER & CO., E. H., 67 Clinton St., Binghamton, N.Y.—Keeler, White Co., 615 7th St., San Francisco; 436 Colyton St., Los Angeles; 802 N. W. Fourth Ave., Portland; 1041 Sixth Ave., So., Seattle.

TOASTMASTER PRODUCTS DIV., McGraw Electric Co., Elgin, Ill.—See McGraw Elec. Co.

TOASTWELL CO., 620 Tower Grove Ave., St. Louis, Mo.—W. P. McDowell, 288 Seventh St., San Francisco 3.

TOBE DEUTSCHMANN CORP., Providence Highway, Norwood, Mass.—Branch Offices: 19619 Marine View Dr., Seattle; 2519 7th Ave., Oakland; The Elecnair Co., 3903 Warner Blvd., Burbank, Calif.

TOLEDO PIPE THREADING MACHINE CO., 1445 Summit St., Toledo, Ohio—M. V. Cox, 1938 Wish Ave., Van Nuys, Calif.; F. W. Caruso, 3208 Camino Colorados, Lafayette, Calif.; W. H. Savoay, 603½ No. 50th St., Seattle 77.

TOLEDO COMMUTATOR CO., Owosso, Mich.—Tri-State Supply Corp., 544 S. San Pedro St., Los Angeles 13, 554 Bryant St., San Francisco 7 and 318 Occidental Ave., Seattle 4.

TOMIC SALES & ENG. CO., 20000 Sherwood Ave., Detroit, Mich.—Russell M. Smith, Northwestern Dist. Sales Mgr., 629 Post St., San Francisco; Michel Brothers, 1016 E. 16th St., Los Angeles; Sanderlin Co., 129 First Ave W., Seattle and 201 S.E. Washington, Portland; J. C. Epperson Co., 50 Hawthorne St., San Francisco; Wm. Benndorf Co., 401 W. Jackson, Phoenix.

TOMORE ELECTRIC CORP., 129 Gould St., Rochester, N.Y.—M. A. Stolaroff Co., 4614 Northridge Dr., Los Angeles.

TOPFLIGHT CORP., 160 E. 9th Ave., York, Pa.—The Downey Co., 165 Jessie St., San Francisco.

TORK CLOCK CO. INC., 1 Grove St., Mount Vernon, N.Y.—Elchorn & Melchior, 749 Bryant St., San Francisco; Allied Industries, 412 Seaton St., Los Angeles 13; Freeman C. Scharr, 444 Dexter-Horton Bldg., Seattle 4; Stevens Sales Co., 1482 Major St., Salt Lake City; L. S. Reed & Co., 1018 Lawrence St., Denver 4.

TORWICO ELECTRONICS, INC., 961 Frelinghuysen Ave., Newark 5, N.J.—Hawthorne Electronics, 700 S.E. Hawthorne Blvd., Portland 14; Lee Grant Snyder, 1418 No. Highland Ave., Hollywood 28.

TOUCH-PLATE MFG. CORP., 16530 Garfield, Paramount, Calif.—L. S. Reed & Co., 1018 Lawrence St., Denver; J. R. Christensen, 247 E. 5th St., Salt Lake City; Ra-Tone Electronics, 325 North 4th St., Phoenix; Howard M. Hansen, 1400 East Shore Dr., Alameda, Calif.; W. W. Wheat & Son, 2219 Fourth Ave., Seattle 1 and P. O. Box 4251 Portland 8.

TRACY KITCHENS, Edgewater Steel Co., P.O. Box 1137, Pittsburgh 30 Pa.—Joe R. Lochrie, 666 Mission St., San Francisco; W. G. Cline & Co., 1314 Wazie St., Denver; Ted Kobbervig, 2074 23rd Ave. No., Seattle.

TRADE-WIND MOTORFANS, INC., 5725 S. Main St., Los Angeles, Calif.—W. G. Cline & Co., 1314 Wazee St., Denver and 1501 S. 23rd East, Salt Lake City; Wm. O. Proby & Associates 1308 N.W. Everett, Portland 9; 522 1st Ave. S., Seattle 9, and 121 S. Madison, Spokane; Fred E. Reck, 232-D W. 36th Ave., San Mateo, Calif.; Edward L. Peterson Co., Bank of America Bldg., San Diego; John A. Ware & Associates, P.O. Box 4216, Phoenix.

TRANSICOIL CORP., 107 Grand St., New York City 13—David H. Ross Co., 1355 Market St., San Francisco; E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles 15; and Samuel N. Stroum Co., 610 10th Ave. N., Seattle.

TRANSFORMER ENGINEERS, 387 Arroyo Seco Parkway, Pasadena, Calif.—Herman E. Held, 147 10th St., San Francisco.

TRANS-SONICS, INC., Bedford, Mass.—H. J. Randolph Co., 736 Santa Anita St., San Gabriel, Calif.; Electronic Eng. Associates, Ltd., 1040 Brittan Ave., San Carlos, Calif.; Muth-Richards Co., 1804 Bush Place, Seattle 44.

TRANSREX ENGINEERING CO., P.O. Box 305, Sausalito, Calif.—D. B. Cole & Co., 40 S. Oak Knoll Ave., Pasadena, Calif.

TRANS VUE CORP., 1805 S. Michigan Ave., Chicago, Ill.—Branch Office: 745 E. Pico Blvd., Los Angeles.

TREND CLOCKS, INC., 201 E. Main St., Zeeland, Mich.—Davis Distribtuing Co., 429 S. Western Ave., Los Angeles.

TRENT, INC., 201 Leverington Ave., Philadelphia, Pa.—Elcher & Co., Colman Bldg., Seattle 4; Edward S. Sievers, 1662 Hillhurst Ave., Los Angeles; Herman E. Held, 147 10th St., San Francisco.

TRIAD ENGINEERING CORP., 450 E. Ohio St., Chicago, Ill.—Geraty Eng. Specialties, 380 Colusa Ave., Berkeley 7, Calif.; Climax Eng. Services, P. O. Box 1492, Denver.

TRIAD TRANSFORMER MFG. CO., 4055 Redwood Ave., Venice, Calif.—Les Logan Co., 154 8th St., San Francisco; Dave M. Lee, 2517 Second Ave., Seattle; McLoud & Raymond, 5528 E. Colfax Ave., Denver.

GEO. E. HONN CO.

420 Market St. **San Francisco 11, Calif.** **Phone: SUtter 1-7352**

QUALITY PRODUCTS **QUICK SERVICE**

Manufacturers' Representative for

Connectors and Lugs—All Types .... Burndy Engineering Co., Inc.
Capacitors for Power Factor Correction .... Cornell-Dubilier Elec. Corp.
Cable Installation Equip.—Cable Trough & Rakit Supports .... T. J. Cope, Inc.
Cable Grips for Pulling and Support .... Kellems Company
Statiscope, Compound, Clips and Hangers .... Minerallac Electric Co.
Power and Distribution Transformers .... Pennsylvania Transformer Co.
Fuses, Protective Devices and Interrupter Switches .... S&C Electric Co.
Meter Jewels .... Herman D. Steel Co.
Test Blocks, Meter Testing Equipment .... The States Co.
Porcelain Insulators .... R. Thomas & Sons Co.
Tree Trimming Equipment, Tree Surgeons Tools .... Bartlett Mfg. Co.

TRIANGLE CONDUIT & CABLE CO., INC., New Jersey Ave., New Brunswick, N. J.—Rex E. Larsen, 6466 Fleet St., Los Angeles; R. F. McDonald, 2415 17th St., San Francisco; E. C. Glandt, 1201 4th Ave. South, Seattle.

TRIBORO ELECTRIC CORP., 110 Waterbury St., Brooklyn 8, N.Y. —Irwin Kudler, 1737 S. Fairfax Ave., Los Angeles; Robert Rifkin, P.O. Box 4929, San Francisco.

TRICO FUSE MFG. CO., 2948 N. 5th St., Milwaukee, Wis.—Albert S. Knight, 3010 Western Ave., Seattle 1; H. H. Van Luven, 120 S. Hewitt St., Los Angeles; Hughson & Merton, 1270 Bush St., San Francisco 9.

TRINE MFG. CORP., 1430 Ferris Place, New York City 61, N. Y. —Willis R. Lynch, 420 Market St., San Francisco 11; Joseph H. Kay, 10531 So. Julius Ave., Downey, Calif.; E. B. Schack & Co., 2216 First Ave., Seattle.

TRIPLETT ELECTRICAL INSTRUMENT CO., 286 Harmon Rd., Bluffton, Ohio—James J. Backer, 2321 2nd Ave., Seattle 1; Moulthrop & Hunter, 165 11th St., San Francisco 3; Howard M. Saul, 5015 San Vicente Blvd., Los Angeles 19; Gates Co., 200 S. Main St., Salt Lake City; H. George Sheffer, P.O. Box 1587, Phoenix.

TRI-TAP TOOL CO., Carlsbad, Calif.—Jim Sherriffs Co., 1105 S. La Brea, Los Angeles 19; John A. Ware & Assoc., 301 W. G St., San Diego; Kenneth B. Schumann Co., 1073 Galapago St., Denver; Don Bradley, Billings, Mont.; Dan H. Rodke Co., 754 Natoma St., San Francisco.

TROJAN RECTIFER & EQUIP. CO., 1 Mason Place, Lancaster, N.Y.—Trojan, Inc., 224 Mississippi, San Francisco.

TROMBETTA SOLENOID CORP., 329 N. Milwaukee St., Milwaukee, Wis.—Rundel Electric Co., 634 6th St., San Francisco; California Elec. Co., 3015 Adeline St., Oakland; Graybar Elec., 720 State St., San Diego; Consolidated Machinery Supply, 2029 Santa Fe Ave., Los Angeles; Acme Elec., 2466 E. Slauson Ave., Huntington Park, Calif; C & M Wholesale Electric, 6240 Maywood Ave., Bell and Garvey Wholesale Elec., 7805 E. Garvey Blvd., Garvey, Calif.

TROPIC-AIRE, INC., (See McGraw Electric)

TRU-CONNECTOR CORP., 416 Union Stt., Lynn, Mass.—M. A. Stolaroff Co., 4622 W. Slauson, Los Angeles.

TRUMBULL ELECTRIC, Dept. of General Electric, Woodford Ave., Plainville, Conn. — (See General Electric—Trumbull Elec. Dept.)

TUCKER SNO-CAT CORP., P. O. Box 888, Medford, Oregon—Calavar Corp., 2700 S. Broadway, Los Angeles; FWD Pacific Co., 850 Harrison St., San Francisco.

TUNG-SOL LAMP WORKS, INC., 100 8th Ave., Newark, N.J.—Branch: 1816 S. Flower, Los Angeles.

TURNER CO., 909 17th St., N.E., Cedar Rapids, Iowa—Verner O. Jensen Co., 2616 Second Ave., Seattle 1; Logan Sales, 154 Eighth St., San Francisco 2; Marshank Sales, 7422 Melrose Ave., Los Angeles 46; Gordon G. Moss, P. O. Box 428, Greeley, Colo.

TUTTLE & KIFT, INC., 1823 N. Monitor Ave., Chicago 39, Ill.—Western Factors, 2743 4th Ave. S., Seattle; A. M. Solen, 3033 E. 42nd St., Denver; Paul H. Potter, 801 N. Lake Ave., Pasadena 6.

TUTTLE & CO., H. W., 261 W. Maumee St., Adrian, Mich.—Montgomery Bros. in following cities: 1122 Howard St., San Francisco, 2113 S. San Pedro, Los Angeles, 911 Western Ave., Seattle, 1632 N. W. Johnson St., Portland; Richards & Associates, 2415 15th St., Denver 2.

TWECO PRODUCTS CO., 1450 S. Mosely, Wichita, Kansas — Stuart Oxygen Co., 351 California St., San Francisco; Welders Supply Co., 2313 N. E. Union, Portland 12 and 1741 4th Ave. South, Seattle; Victor Equip. Co., 3821 Santa Fe Ave., Los Angeles 11 and 844 Folsom St., San Francisco; Arizona Welding Equip. Co., 415 S. 7th St., Phoenix.

U C LITE MFG. CO., 1050 W. Hubbard St., Chicago 22, Ill.—Manufacturers Marketing Service, P.O. Box 277, Menlo Park, Calif.; 2342 Franklin St., San Francisco; E. J. Imhof, 4229 Colbath Ave., Sherman Oaks, Calif.; J. C. Macerracken, 5545 N. Kay Dr., Phoenix; J. K. Johnston, 4134 N.E. 15th Ave., Portland; H. S. Locke, P. O. Box 1282, Ogden, Utah; W. W. Culver Sr., 555 Fifth Ave., Oakland and W. W. Culver Jr., 1362 S. Flower St., Los Angeles.

ULTRASONIC CORP., 640 Memorial Dr., Cambridge, Mass.—Robt. Long, 557 E. Walnut St., Pasadena.

ULTRA-VIOLET PRODUCTS INC., 5114 Walnut Grove Ave., San Gabriel, Calif.—Sales Offices: 929 Harrison St., San Francisco; 5403 Santa Monica, Los Angeles, 1334 Speer Blvd., Denver, 104 Prefontaine Pl., Seattle 4, 543 Granville St., Vancouver, B. C., Canada.

UNDERGROUND PRODUCTS, 27621 Ford Road, Garden City, Mich.—Robt. J. Arthur, 420 Market St., San Francisco.; Allied Industries, 412 Seaton Ave., Los Angeles; E. W. Will, 534 First Ave. S., Seattle.

UNGAR ELECTRIC TOOLS, INC., Ungar Bldg., Venice, Calif.—E. L. Berman Co., 780 Natoma St., San Francisco; James J. Backer Co., 2321 Second Ave., Seattle; Franklin Y. Gates, 200 S. Main St., Salt Lake City, Utah; Marshank Sales Co., 7422 Melrose Ave., Los Angeles 5.

UNIMAX DIV., THE W. L. MAXSON CORP., 460 W. 34th St., New York City—Maydwell & Hartzell, Inc., 870 Tennessee St., San Francisco; M. A. Stolaroff, 4622 W. Slauson, Los Angeles 43; McLoud & Raymond Co., 5538 E. Colfax Ave., Denver 7.

UNIMATIC CORP., Sherwood Lane Caldwell Township, N. J.—Stretton Industrial Sales, 5572 Alhambra Ave., Los Angeles; South West Sales, 1620 E. Earll Dr., Phoenix; Neil Winikoff, 7554 44th N.E., Seattle.

UNION INSULATING CO., INC., Parkersburg, West Va. — Lynn & Brooks, 3055 Wilshire Blvd, Los Angeles; 9931 N.E. Mason, Portland, and 2048 Market St., San Francisco; Allen B. Carpenter Co., 820 12th St., Denver.

UNION MANUFACTURING CO., 296 Church St., New Britain, Conn.—Joseph C. Fletcher, 778 Brannan St., San Francisco; David E. Williams, 239 N. Greenleaf Ave., Whittier, Calif.; Del D. Haroder, 1534 16th Ave., North, Seattle.

UNION METAL MFG. CO., 1432 Maple Ave. N.E., Canton 5, Ohio —Branch Offices: R. G. VandenBoom, Western Dist. Mgr., 3248 Long Beach Ave., Los Angeles 54; Taper Tube Pole Co., 630 Monadnock Bldg., San Francisco 5; Westinghouse Electric Supply Co.; General Electric Company; General Electric Supply Corp.; Econolite Co.; Graybar Electric Co.; Joslyn Pacific Company, all principal cities.

UNION SPRING & MFG. CO., New Kensington, Pa.—Welles R. R. Equipment Co., Pacific Mutual Bldg., Los Angeles 15; C. M. Lovsted & Co., Inc., 4000 W. Marginal Way, Seattle 6; Sales Eng. Co., Inc., 526 W. 8th South St., Salt Lake City; Paul S. Everley Co., 550 Ninth St., San Francisco.

UNISTRUT PRODUCTS CO., 1013 Washington Blvd., Chicago 7, Ill. —District Offices: Unistrut Products Co., Olympic Sta. P. O. Box 3291, Beverly Hills, Calif.; Unistrut Div. Western Specialty Co., 18 East Lincoln St., Phoenix; Glenmart Co. Inc., 990 South Fair Oaks Ave., Pasadena 2; Unistrut Div., A. W. Herron Co. Inc., 215 12th St., Sacramento 14; Unistrut Sales of Northern Calif., Inc., 1000 Ashby Ave., Berkeley 10; Unistrut Div., Builders Supply Co., P. O. Box 176, Helena, Mont.; Pace-Turpin & Co., 726 S. 3rd West St., Salt Lake City 4; Unistrut Div., The Brower Co., 114 Virginia St., Seattle 1.

UNITED CONTROLS CORP., 4540 Union Bay Place, Seattle, Wash.—G. W. Ledbetter Co., 15117 Ventura Blvd., Sherman Oaks, Calif.

UNITED ELECTRIC CONTROLS CO., 85 School St., Watertown 72, Mass.—Herman E. Held, 147 10th St., San Francisco; N. F. Dundas, 5550 Alhambra Ave., Los Angeles; Standard Electric Sales, 1731 1st Ave. South, Seattle.

UNITED ELECTRONICS CO., 42 Spring St., Newark, N.J.— J. T. Hill Sales Co., 800 W. 11th St., Los Angeles 15.

UNITED HYDRAULIC, INC., 110 Terrell Court, Dayton 7, Ohio—Joe Davidson & Associates, P. O. Box 108, South Gate, Calif.

UNITED MANUFACTURING CO., 41 Haig St., Hamden 14, Conn.—Branch Office, 8840 W. Olympic Blvd., Beverly Hills, Calif.

U. S. ELECTRICAL MOTORS, INC., 200 E. Slauson, Los Angeles, Calif.—Branch Offices: 564 4th St., San Francisco; 3427 4th Ave. S., Seattle; 155 Van Ness Fresno, Calif., 122 East Santa Fe, Phoenix, Bakersfield, Sacramento, and San Jose.

U. S. ELEC. MFG. CORP., 222 W. 14th St., New York City — Bud Newport Associates, 401 Upton St., Redwood City, Calif.; M. Levin, 2331 S.W. First Ave., Portland; L. B. Smith & Associates, 210 E. Washington Blvd., Los Angeles.

U. S. ENGINEERING CO., 521 Commercial St., Glendale 3, Calif. —G. M. Howard Associates, 782 Bryant St., San Francisco 7.

U. S. HOFFMAN MACHINERY CORP., Industrial Div.: 105 4th Ave., New York City—Belilove Co., 420 Market St., San Francisco; Chester Paul Co., 1605 Victory Blvd., Glendale; Thomas S. Wood, 220 9th Ave. N., Seattle; J. M. Grisley Machine Tools, 375 S.W. Temple St., Salt Lake City; Aldridge & McCabe, 847 E. 17th Ave., Denver.

JIM SHIRREFFS CO.

JIM SHIRREFFS JIM SHIRREFFS, JR.

1105 S. La Brea Ave., Los Angeles 19, Calif. • WEbster 1-9191

CAVALIER CORP. HEATER DIV. Heavy Duty Automatic Electric Heaters, Baseboard, Wall Insert Surface Mount, Portable and Floor Furnace. 115 v. Bathroom heaters.
FAST-LOK MFG. CO. EMT Set-Screw Fittings & Threaded Fittings, Conduit Beam Clamps, Box and Conduit Supports, Adjustable Bar Hangers
TRI TAP TOOL CO. Precision "Three stage" Taps.
F. M. ANTHONY CO. Electrical Terminal Lugs, Splices, Cable Tips, Insulators and Installation Tools
E Z PLASTICS CO. Plastic Wire Connectors
STATE WIRE & CABLE CO. Type TW Wire, Plain and Armored Thermostat Cables, Annunciator and Office Wires, Shielded Cables, Lamp Cords, Flexible Cords
ARLINGTON INDUSTRIES, INC. Entrance Caps, 3-piece Couplings, Lock-Nuts, Bushings, Reducers, Pipe Straps, Chase Nipples, etc.
PAULUHN ELECTRIC MFG. CO. Industrial and Marine Electrical Specialties & Lighting Equipment.
RAY FITTING & BOLT CO. Ground Clamps and U-Bolts
ASSOC. MFGRS. & DISTR. CORP. "AMADCO" Alloy & Steel offsets for E.M.T. & Rigid Conduit.

Standard Electric Sales
1731 1st Avenue South
Seattle, Washington
Seneca 1955

Representing
- **AUTOMATIC SWITCH CO.** Solenoid valves, Electromagnetic controls.
- **R. W. CRAMER CO., INC.** Synchronous motors, electrical timing devices
- **EBERT ELECTRONICS CORP.** Mercury plunger relays
- **SIGNAL ENGINEERING & MFG.** Relays, Signals, Fire alarm systems, code call systems
- **UNITED ELECTRIC CONTROLS** Temperature, pressure and vacuum controls

U. S. INSTRUMENT CORP., 400 Broad St., Summit, N.J.—J. T. Hill Sales Co., 800 West 11th St., Los Angeles 15; Edw. F. Aymond, 4310 Maple Ave., Dallas 9. Graybar Electric Co. Inc., all major cities.

U. S. PRODUCTS, INC., 1549 Hutchins, Columbus, Ind.—Ted Adams, 2117 W. Windsor, Phoenix; James J. Backer, 2321 2nd Ave., Seattle 2; Peyser & Co., 1501 N. Weber St., Colorado Springs, Colo.; Perlmuth-Colman & Associates, 2419 So. Grand Ave., Los Angeles 7 and William Belfer, 926 Howard St., San Francisco.

U. S. RUBBER CO. (Wire Division), 1230 Sixth Ave., New York City, N. Y.—Western Branch Offices: L. M. Guibara, Soto and E. 46th St., Los Angeles 58, and Walter Kletting, 160 Motor Ave., Salt Lake City; A. A. Gingell, 6025 3rd St., San Francisco 24. Agents: J. C. Bird, 618 2nd Ave., Seattle 4; Earl S. Condon, 3460 Wilshire Blvd., Los Angeles 15; F. E. Staible & Sons, 2046 Arapahoe St., Denver.

U. S. RUBBER CO. (Mechanical Goods Div.), 1230 Sixth Ave., New York City, N. Y.—Western Branch Offices: D. N. Meissner, 784 So. San Pedro, Los Angeles; R. H. Bowman, 6025 Third St., San Francisco 24; Walter Kletting, 160 Motor Ave., Salt Lake City, and L. F. Koepp, 630 N.W. 10th Ave., Portland 9.

UNITED STATES TIME CORPORATION, 500 Fifth Ave., New York City—M. E. Winn (U. S. Time Corp.), 714 W. Olympic Blvd., Los Angeles 15.

UNITED TRANSFORMER CO., 150 Varick St., New York, N. Y.—Branch: 4008 W. Jefferson Blvd., Los Angeles; C. R. Strassner Co., 1865 N. Western Ave., Los Angeles; Northwestern Agencies, 4130 First Ave. So., Seattle.

UNIVERSAL ELECTRIC CO., Owosso, Mich.—Branch: 7543 Santa Monica Blvd., Hollywood 46; Gardner Distr. Co., 308 9th Ave. N., Seattle 9.

UNIVERSAL MOTOR CO., 186 Harrison St., Oshkosh, Wis.—M. F. Huseby Co., Inc., 2591 Yates Ave., Los Angeles; James J. Backer Co., 2321 Second Ave., Seattle.

UNIVERSAL WINDING CO., P.O. Box 1605, Providence 1, R. I.—Branch Office: E. G. Paules, 1762 W. Vernon Ave., Los Angeles 37.

UNIVERSAL WIRE & CABLE CO., 2662 Clybourn Ave., Chicago 14, Ill.—Universal Wire & Cable Co., 635 S. Kenmore Ave., Los Angeles.

UNIVERSITY LOUDSPEAKERS, INC., 80 So. Kensico Ave., White Plains, N.Y.—Eugene Berman Co., 758 Natoma St., San Francisco; Marshank Sales Co., Los Angeles.

UPSON WALTON CO., 1286 W. 11th St., Cleveland, Ohio—Gillette & McLaren, Arctic Bldg., Seattle and Sherlock Bldg., Portland.

UPTEGRAFF MFG. CO., Bridge St., Scottdale, Pa.—North Pacific Elec. Agencies, 615 Lloyd Bldg., Seattle 1; R. M. Schow, 1709 W. 8th St., Los Angeles; Donald T. Elliott, 420 Market St., San Francisco 11.

USCO POWER EQUIPMENT CORP., 829 N. 36 Way, Birmingham 4, Ala.—Schueler & Weston, 923 E. Third St., Los Angeles.

UTICA DROP FORGE & TOOL CORP., 2415 Whitesboro St., Utica 4, N.Y.—Dillon Stevens & Co., 1348 Venice Blvd., Los Angeles 6 and 420 Market St., San Francisco; L. B. Putnam Co., 1217 California St., Denver; Gardner Dist. Co., 308 9th Ave. No., Seattle 9.

UTILITY APPLIANCE CORP., 4851 S. Alameda St., Los Angeles 58, Calif.—Branch: 1355 Market St., San Francisco; Frank Northcutt, Dist. Mgr., Gaffers & Sattler Occidental Range Div., H. K. Baldwin, Dist. Mgr., Utilities Div., Exec. & Export Dept., 141 S. El Camino Dr., Beverly Hills, Calif.; Wm. Dozier, 826 N.E. 78th St., Portland; Howard Diehl, P. O. Box 2002, 635 Belmont, Fresno; Val Lehman, 5601 N. 19th St., Phoenix; W. E. & K. P. Gnadt, 435 Atlas Bldg., Salt Lake City; 532 S. Gaylord, Denver; H. K. Baldwin, 76 Van Ripper Lane, Orinda.

UTILITY BODY CO., 1530 Wood St., Oakland 7, Calif.—Jumbo Equip. Co., 1012 S. Los Angeles St., Los Angeles 13; Douglas Hood Co., 1947 N.W. Overton St., Portland; Tricoach Co., 3407 Airport Way, Seattle; Superior Coach Sales, 34 W. 2nd St., Spokane and P. O. Box 2, Missoula, Mont.; Truck Equip. Co., 3963 Walnut St., Denver; Starline Equip. Co., 503 S. 16th St., Boise; Utah Truck Equip. Co., 1045 S. Main St., Salt Lake Ciyt; Elliott Equip. Co., P. O. Box 3263, Honolulu, T. H.

UTILITIES SAFETY SUPPLY CO., INC., 3112 Indiana St., Kansas City, Mo.—Hollywood Wholesale Elec. 6820 Romaine, Los Angeles; Elec. Supplies, 398 Broadway, El Centro; Industrial Elec. Service, 960 4th St., Arcata, Calif.; Kitchen Co., 145 West St., Reno; Tinling & Powell, E. 709 Sprague, Spokane; Love Elec. 1914 Market, Spokane; United Elec. Supply, 117 W. 4th South St., Salt Lake City.

UTILITIES SERVICE COMPANY, 1 Pine St., Allentown, Pa.—Leonard Slusser, 318 Dooly Bldg., Salt Lake City; Hamilton Associates, 1236 Elati St., Denver; Kirk-Palka Co., 415 Wall St., Los Angeles 13 and 420 Market St., San Francisco 11; Jack Pruzan Co., 109 Jackson St., Seattle 4; A. W. Graham, 604 E. 6th St., Clovis, N. M.

V-M CORP., 4th and Park, Benton Harbor, Mich.—J. W. Marsh Co., 4216-20 West Jefferson, Los Angeles and 1258 Fitzgerald, San Francisco; Don Burcham Co., 510 N.W. 19th Ave., Portland and 1327 Norcross Way, Seattle; 120 W. 13th St., Denver.

VAN CLEEF BROS., INC., 7800 Woodlawn Ave., Chicago, Ill.—(See Johns-Manville Dutch Brand Div.)

VANGUARD ELECTRONICS CO., 3384 Norton Ave., Los Angeles 34—M. A. Stolaroff, 4622 W. Slauson, Los Angeles.

VAN DORN ELECTRIC TOOL CO., Towson 4, Md.—Branch Offices: 9th and Bryant St., San Francisco; 1941 S. Flower St., Los Angeles; 2613 Ross Ave., Dallas; 1010 Bannock St., Denver; 409 Velasco St., Houston; 1640 N.W. Johnson St., Portland 9; 434 8th Ave. N., Seattle 9.

VARFLEX CORP., 512 W. Court St., Rome, New York—Western Fibrous Glass Products Co., 3049 East 12th St., Los Angeles 23; 739 Bryant St., San Francisco 7; 473 G St., Chula Vista; 1915 First Ave. So., Seattle 4; Electrical Specialty Co., 2820 E. 12th St., Los Angeles 23, 158-168 Eleventh St., San Francisco 3, 2406 First Ave. South, Seattle 4; 1101 Stout St., Denver 4.

VARI CORP., 2825 Cedar Ave., Minneapolis, Minn.—Harry A. Lasure Co., 9041 W. Pico Blvd., Los Angeles 35; James J. Backer Co., 2321 Second Ave., Seattle; Wilson Leeper & Assoc., Fort Collins, Colo.; L. H. Harris, 383 Brannan St., San Francisco 7.

VARIAN ASSOCIATES, 611 Hansen Way, Palo Alto, Calif.—Neely Enterprises, 3939 Lankershim Blvd., No. Hollywood, 2830 Geary Blvd., San Francisco, 1317 15th St., Sacramento, 1029 Rosecrans St., San Diego, 641 E. Missouri Ave., Phoenix, 107 Washington St., S.E. Albuquerque.

VASCO DIV., Mitchell Industries, Inc., Box 17, Mineral Wells, Texas—Richard E. Osborne, 1044 S. Parkview Blvd., Los Angeles; Gordon G. Moss, P. O. Box 428, Greeley, Colo.; Frank Wedel Co., 3215 Western Ave., Seattle 99.

VEEDER-ROOT, INC., 70 Sargeant St., Hartford, Conn.—F. Somers Peterson Co., 157 13th St., San Francisco, and 1501 S. Maple Ave., Los Angeles 15; Fairman B. Lee Co., 219 Central Bldg., Seattle.

VENTROLA MFG. CO., 501 S. Chestnut, Owosso, Mich.—C. A. King, 2323 Second Ave., Seattle 1; Electri-Cal., 5455 Hollywood Blvd., Los Angeles 27; Pacific Yard Service, 109 S.E. Salmon St., Portland 14; C. P. Keeler Co., 1732 Fourth South, Seattle.

VERD-A-RAY (Penetray Corp.), 615 Front St., Toledo, Ohio—Branch Office: Leonard Holzman, 12135 Morrison, North Hollywood; Irving Carson, 3145 N.E. 15th St., Portland; Seymour Saunders, 3917 Nelson Dr., Palo Alto, Calif.; Wm. Wexler, 1437 S. Fairfax, Denver.

VERPLEX CO., Essex, Conn.—Phillip Schwartz, 1355 Market St., San Francisco; The Gleasons, 657 East 45th St., Seattle.

VERSABAR CORP., Jersey City, N. J.—Robert J. Arthur, 420 Market St., San Francisco.

VERSEN CO., KURT, Englewood, N. J.—J. R. Penning, 2323 Second Ave., Seattle; Ben T. Clark, 1421 Court Place, Denver 4.

VIBROSCOPE CO., 6 E. 35th St., New York City 16—Wm. P. Hartmann, 146 16th Ave., San Mateo, Calif.; James L. Kearns Co., 6055 N.E. Glisan St., Portland 13.

VICTOR INSULATORS, Division I-T-E Circuit Breaker Co., Maple Ave., Victor, New York—Maydwell & Hartzell, Inc., in following cities: 870 Tennessee St., San Francisco 3; 427 W. 5th St., Los Angeles 13; 306 Dexter Ave., Seattle; 1238 N.W. Glisan St., Portland 9; 324 So. Second Ave., Phoenix; Conely Engineering Co., 165 S. First West St., Salt Lake City; Sales Engineers Co., 1440 Eleventh St., Denver 4.

VICTOR SPECIALTIES, 775 Main St., New Rochelle, N. Y.—McMillen-Stanley Sales Corp., 778 Natoma St., San Francisco; Keeler, White Co., 436 Colyton St., Los Angeles.

VICTOR VENTILATOR DIV., PHILIP CAREY MFG. CO., 320 S. Wayne Ave., Cincinnati 15, Ohio—L. M. Baxter, 1220 S.W. Stark St., Portland and 1016 First Ave. S., Seattle; Eric F. Chemnitz, 1355 Market St., San Francisco and 668 S. Coronado St., Los Angeles.

VICTOREEN INSTRUMENT CO., 3800 Perkins Ave., Cleveland, Ohio—Allen I. Williams Co., 124 W. 12th St., Denver 4; Dale Weber Co., 234 Sherlock Bldg., Portland 4; C. R. Lynch & Son, 3307 Glendale Blvd., Los Angeles 39; R. L. Pflieger Co., 126 25th St., San Mateo, Calif.

VIKING AIR CONDITIONING CORP., 5601 Walworth Ave., Cleveland, Ohio—Pacific Scientific Co., 25 Stillman Ave., San Francisco and 1430 Grande Vista Ave., Los Angeles; Ed Lokey & Co., 10340 N.E. Sandy Blvd., Portland.

VIKING INSTRUMENT, INC., 400 Towne St., East Haddam, Conn.—G. N. Somerville, 780 Natoma St., San Francisco.

Hang the Sky With the Wakefield Electrical Ceiling

Sales—Engineering—Factory Services Local Stocks

C. T. BAKEMAN & ASSOCIATES

445 Bryant EX. 2-8585

San Francisco

VIRDEN CO., JOHN C., 6103 Longfellow Ave., Cleveland, Ohio—Incandescent Supply Co., San Francisco, Los Angeles, Oakland, Fresno, San Jose, Sacramento and Redding, Calif.; S. F. Lighting & Supply Co., 647 Mission St., San Francisco; Rite Lite Supply Co., 1218 Galapago St., Denver; J. Korber & Co., 200 N. Second St., Albuquerque; Columbia Elec & Mfg. Co., S. 123 Wall St., Spokane; Seattle Lighting Fix. Co., 222 Second Ave., Seattle.

VOCALINE CO. OF AMERICA, INC., Coulter St., Old Saybrook, Conn.—Bristol Div.—Engineering Sales Co., 406 S. Main St., Los Angeles and J. F. Cady, 995 Market St., San Francisco Vocaline Div.—Vocatron Distr., 420 Market St., San Francisco, A. C. McMillan Co., 823 W. Cliff Ave., Spokane; Mel Pearson Co., 1011 So. Josephine, Denver 9.

VOKAR CORP., 7300 Huron River Dr., Dexter, Mich.—Wm. Belfer, 926 Howard St., San Francisco.

VOLTARC TUBES, INC., 44 Cross St., Norwalk, Conn.—Keeler, White Co., 1041 6th Ave. S., Seattle, and 322 N.W. 4th Ave., Portland; H. George Shefler, P. O. Box 1587, Phoenix; Joseph M. Smith, 2029 Sunset Blvd., Los Angeles.

VULCAN ELECTRIC CO., 88 Holten St., Danvers, Mass.—Bellove Co., 420 Market St., San Francisco; Wiant Products Co., 1231 N.W. Hoyt St., Portland; J. C. McDougall Co., 520 First Avenue, South, Seattle; Fenwall Inc., 111 S. Burlington Ave., Los Angeles.

WAAGE MANUFACTURING CO., 632 N. Albany Ave., Chicago 12, Ill.—Electric Appliance Service, 1434 Howard St., San Francisco; 302 17th St., San Diego, and 726 Venice Blvd., Los Angeles; Urner's Appliance Center, 212 21st St., Bakersfield, Calif., Appliance Parts Service, 216 Stewart St., Seattle; Bressie Electric, 909 S.W. Fifth Ave., Portland 4; Midwest Electric Service, 1124 Santa Fe Dr., Denver 4; Vinson Carter Co., 325 N. 4th, Phoenix; Urners Appliance, Bakersfield; Western States Elec. Serv. Co., 5707 Santa Monica Blvd., Los Angeles 38; Lameo Elec. Service, 1415 21st St., Sacramento, Calif.; Appliance Service Center, 57 Richards St., Salt Lake City.

WADSWORTH ELECTRIC MFG. CO., INC., 20 to 34 W. 11th St., Covington, Ky. — Bruce-Emmett Co., 830 S.E. Alder St., Portland 14, and 1016 1st Ave. S., Seattle 4; Hodges & Glomb, 921 Bryant St., San Francisco 3; L. S. Reed & Co., 2895 Cook St., Denver; Rutkin Electrical Sales Co., 937 Stanford Ave., Los Angeles 21.

WAGNER ELECTRIC CORP., 6400 Plymouth Ave., St. Louis 14, Mo.—Branch Offices: A. W. Maas, Branch Mgr., 219 Shaw Rd., South San Francisco; L. G. Tandberg, Branch Mgr., 610 Lairport, El Segundo, California; C. E. Widell, Branch Mgr., 3460 N.W. Industrial St., Portland 10; H. M. Coulson, Branch Mgr., 1526 Blake St., Denver 2; R. A. Conely, Branch Mgr., 165 S. 1st West, Salt Lake City 1.

WAGNER MALLEABLE PRODUCTS CO., 222 W. Adams St., Chicago, Ill.—Murphy-Hain Co., 2133 Bay St., Los Angeles 12; Fred E. Staible & Sons, 2046 Arapahoe, Denver 2; Hodges & Glomb, 921 Bryant St., San Francisco 3; Northwestern Agencies, 4130 First Ave. S., Seattle 4.

WAGNER-WOODRUFF CO., 830 S. Olive St., Los Angeles 14, Calif.

WAGONER CORP., Nashville 10, Tenn.—L. M. O'Neill Co., 1355 Market St., San Francisco.

WAKEFIELD CO., 731 Water St., Vermilion, Ohio—W. A. McGuire, 164 S. Central Ave., Los Angeles 12; C. T. Bakeman, 445 Bryant St., San Francisco 3; F. C. Henkel, 317 Builders Exchange Bldg., Portland 4.

WALKER BROTHERS, End St., Conshohocken, Pa. — Garnett Young & Co., 390 4th St., San Francisco; 319 E. Washington Blvd., Los Angeles; 1928 First Ave., S., Seattle and 6131 N. 18th Dr., Phoenix; Kenneth B. Schumann Co., 1073 Galapago St., Denver 4.

WALL MFG. CO., P., Erie and Grant Grove City, Pa.—Kenneth B. Komp Sales Co., 1290 LaCumbre Road, San Mateo, Calif.

WALLACE I. TIERNAN CO., INC., Mill & Main Sts., Belleville 9, N.J.—Branch Sales Office, 2180 Palou Ave., San Francisco.

WALSCO ELECTRONICS CORP. (affiliate of Walter L. Schott Co.), 3602 Crenshaw Blvd., Los Angeles 16, Calif.—Meyer & Ross, 113 10th St., San Francisco; Tubergen Associates, 2232 W. 11th, Los Angeles; Frank Wedel, 3215 Western Avenue, Seattle; Harry A. Moore, 4142 N. 18th St., Phoenix; Dick Hyde Sales Co., 2084 S. Bannock St., Denver.

WAMA CO., Industrial Bldg., Baltimore 2, Md.—K. M. Ryals Co., 461 Market St., San Francisco; Ed Warburg Co., 1207 E. 8th St., Los Angeles; M. M. Harrell, 4557 Union Bay Place, Seattle 5; Clyde P. Elliott, 661 Delaware St., Denver 4.

WARD PRODUCTS CORP., Div. Gabriel Co., 1523 E. 45th St., Cleveland, Ohio—H. George Shefler, P. O. Box 1587, Phoenix; A. A. Sinai, 65 9th St., San Francisco; G. S. Marshall Co., 40 S. Los Robles, Pasadena; D. H. Burcham, 917 S. W. Oak St., Portland 5.

WARD LEONARD ELECTRIC CO., 115 MacQuesten Pky. South, Mt. Vernon, N. Y.—Branch Office: 1605 E. Olympic Blvd., Los Angeles 21. Agents: Mark G. Mueller, 1644 Blake St., Denver 2; L. F. Church Co., 750 Natoma St., San Francisco 3; Northwestern Agencies, 4130 First Ave. So. Seattle 4 and 2941 N.W. Quimby, Portland; Leonard M. Slusser, 318 Dooly Block, Salt Lake City 1; Central Station Eng. Co., 2323 Aviation Highway, Tucson.

WARE FUSE CORPORATION, 4400 W. Lake St., Chicago, Ill.—Kenneth Anderson Co., 412 Seaton St., Los Angeles 13; Hodges & Glomb, 921 Bryant St., San Francisco; The Darger Co., 328 W. 2nd South St., Salt Lake City 1; H. E. Perkins, 317 N.W. Broadway, Portland.

WARING PRODUCTS CORP., 25 W. 43rd St., New York 36—D. E. Sanford Co., 1049 S. Hill St., Los Angeles; 12th and Howard Sts., San Francisco; Riser-Simmons Co., 4350 S. W. 86th Ave., Portlnad; Anderson - O'Donnell Co., 1452 Galapago St., Denver 4.

WARREN WIRE CO., Pownal, Vermont—Eichorn & Melchior, 749 Bryant St., San Francisco 3; Cochrane-Barron Co., 408 So. Alvarado St., Los Angeles; Saguaro Sales Associates, 4656 N. Central, Phoenix; Seatronics, Inc., 911 Western Ave., Seattle.

WARRICK CO., CHARLES F., 1964 W. Eleven Mile Road, Berkley, Mich. — Representatives: H. G. Weightman, 1405 W. Magnolia Blvd., Burbank; James L. Kearns Co., 6055 N.E. Glisan, Portland 16; Allen I. Williams, 124 W. 12th Ave., Denver. Distributors: Guy L. Warden & Sons, 209 W. 12th St., Los Angeles 15; J. M. Warner Co., 600 W. 48th St., Denver; Pacific Pumping Co., 526 N.W. Broadway, Portland 9.

WARNER ELECTRIC BRAKE & CLUTCH CO., Beloit, Wis. — Branch office: R. Whitson, Reg. Mgr., 1285 Leonard Ave., Pasadena 8; Peterson Co., 4949 Colorado Ave., Denver 16; Engineering Products Co., 1600 S. San Pedro St., Los Angeles 15; J. F. Taraba Co., Box 5232, Portland 16 and 1016 First Ave. So., Seattle 4; P. J. Burrill Co., 2131 Washington Ave., San Leandro, Calif.

WASLEY PRODUCTS, INC., Farmington St., Plainville, Conn.—John Allen Ware, 301 W. G St., San Diego 1, and 2115 S. 15th Ave., Phoenix; Albert Arkin, Space 258A, 1355 Market St., San Francisco 3; Don King (Gift Line) 642 Dahlia St., Denver.

WATLOW ELECTRICAL MFG. CO., 1376 Ferguson Ave., St. Louis, Mo.—Peterson Co., 4949 Colorado Blvd., Denver 16; Western Control Equip. Co., 4622 Van Nuys Blvd., Sherman Oaks, Calif. and 2342 Franklin St., San Francisco 23; J. B. Hickman Co., 503 Maritime Bldg., Seattle 4.

WAVERLY PRODUCTS, INC. — See Steam-O-Matic Corp.

WEAVER CO., J. A., 2110 Howard, St. Louis, Mo.—Brill Elec. Sales, 446 Bryant St., San Francisco; Allied Industries, 412 Seaton St., Los Angeles; Sales Engineers, 1440 11th St., Denver; Wm. Benndorf Co., 401 W. Jackson, Phoenix Wm. O. Proby & Associates, 135 N. W. Park, Portland, 121 S. Madison, Spokane, and 522 First Ave S., Seattle.

WEBSTER CHICAGO CORP., 5610 Bloomingdale Ave., Chicago 39, Ill.—George S. Tivy, 1148 S. Grand Ave., Los Angeles; H. George Shefler Co., 240 S. First Ave., Phoenix; W. J. Purdy Co., 312 Seventh St., San Francisco; Veiner O. Jensen, 2616 Second Ave., Seattle.

WEBSTER ELECTRIC CO., Clark and De Koven Sts., Racine, Wis. —James J. Backer Co., (all products) 2321 2nd Ave., Seattle; O. P. Yelton, (all products but Pickups and Cartridges) 2146 32nd Ave., San Francisco; J. L. Samuel, 713 Hampden Pl., Pacific Palisades (all products but Pickups and Cartridges); Hyde Sales Co., (all products) 3250 S. Dexter St., Denver 22; Mouthrop & Hunter (Pickup and Cartridges only), 165 Eleventh St., San Francisco; E. A. Skakill, 933 N. Kenmore, Los Angeles (Picks & Cartridges only).

WEED CONTROL SERVICE, 2605 S.W. 1st St., Portland, Ore.—L. S. Hoffman, P. O. Box 342, Corona del Mar, Calif.; David B. Michener, 105 Idora Ave., San Francisco 27; Fred E. Barnett Co., Eureka, Sacramento and San Francisco, Calif.; Far West Equipment Co., 2117 N. Division, Spokane; Purvis Ritchie, Ltd., 845 Burrard St., Vancouver 1, B. C.

WEISS & BIHELLER MERCHANDISE CORP., 584 Broadway, New York City 12—Keeler White Co., in following cities: 615 7th St., San Francisco 7; 436 Colyton St., Los Angeles 13; 1041 Sixth Ave. S., Seattle 4; 322 Radio Central Bldg., Spokane 8; 322 N.W. 4th Ave., Portland 9.

WELCH CO., W. W., 439 Race Street, Cincinnati, Ohio—Ivan J. Ryerson, 7543 Santa Monica Blvd., Hollywood, Calif.

WELD-RITE CO., 4417 Oakport St., Oakland 1, Calif.—Sold thru Graybar Electric, General Electric Supply Co., and Westinghouse Electric Supply all principal cities.

WELDON TOOL CO., 3010 Woodhill Road, Cleveland, Ohio—J. C. Fletcher, 1415 Folsom St., San Francisco.

WELKO, INC., 219 W. Chicago, Chicago, Ill.—Henry Lauer, 307 W. 8th St., Los Angeles; Wm. Henry Co., 2327 Delmar, Seattle.

WELLER ELECTRIC CORP., 808 Packer St., Easton, Pa.—Northwestern Agencies, 4130 First Ave. South, Seattle 4; William Connors, 375 Birch St., Denver; Geo. P. Wilcox Co., 2330 W. 3rd St., Los Angeles; A. J. Simmons, 975 Indiana St., San Francisco.

WELLS MFG. CO., 220 9th St., San Francisco — Step Sales Agency, 1326 Santa Fe Dr., Denver; Grant Call, 1817 Ashbrook, Long Beach; L. Davies & Co., 509 Lloyd Bldg., Seattle.

WESIX ELECTRIC HEATER CO., 390 First St., San Francisco, Calif. — Branch Offices: R. D. Hyneman, Securities Bldg., Seattle 1; C. W. Larue, 919 Terminal Sales Bldg., Portland 5; M. L. Hooper, Brockman Bldg., Los Angeles 14; George Hollister, 1646 San Pedro Ave., Fresno 4; Arthur M. Banchero, 1331 S St., Sacramento; C. S. Hicks, 802 Realty Bldg., Spokane.

WEST BEND ALUMINUM CO., West Bend, Wis.—M. J. Rosenfield 917 S. Olive, Los Angeles 15; Albert Groeschel, 1355 Market St., San Francisco; A. T. McGrath, P. O. Box 215, 5729 Tampa Ave., Tarzana, Calif.; Ralph Klein, 126 E. 110th St., Seattle 55.

BUY WESTERN

When in need of a Transformer buy a WESTERN

Western Transformer Company

618 EAST ELEVENTH STREET, OAKLAND 6, CALIFORNIA

Phone TEmplebar 4-8722

WEST COAST ELECTRIC MFG. CORP., 10008 S. Main St., Los Angeles, Calif.

WESTLITE (Associated Lighting Service) P. O. Box 1033, Redwood City, Calif.—A. R. Parker Co., 420 Market St., San Francisco; The Darger Co., 211 S. 2nd West St., Salt Lake City; Stagecraft Shoft, 1505 N.W. Lovejoy St., Portland; Stage Sound & Equipment Co., 1500 South Main St., Las Vegas, Nev.

WEST WIND CORPORATION, 1800 Airport Way, Seattle 4, Wash.—Gough & Co. Ltd., 549 Beatty St., Vancouver, B. C.; Harold W. Frederick Co., W. 915 Mallon Ave., Spokane 8; D. R. Munro, 1801 N.W. Northrup, Portland 4; Home Elec Co., 2212 A St., Tacoma 1; Wm. F. Thomas, P.O. Box 336, Boise; Mechanical Equipment Co., 329 11th Ave., Salt Lake City; North Coast Electric Co., 171 Jackson St., Stusser Electric Co., 2246 First Ave. S., Westinghouse Electric Supply Co., 1051 First Ave., Seattle Hardware Co., 501 First Ave. S., Seattle; Westinghouse Electric Supply Co., N. 1023 Monroe St., Spokane; Westinghouse Electric Supply Co., 1930 Pacific Ave., Tacoma; Westinghouse Electric Supply Co., 13 S. 7th Ave., Yakima; Westinghouse Electric Supply Co., 949 S. Montana St., Butte; Kuler White Co., 436 Colyton St., Los Angeles; Fred W. Berger, 57 Post St., San Francisco.

WESTWOOD LIGHTING PRODUCTS, 3038 Overland Ave., Los Angeles 34, Calif.—M. A. Wagner, 1075 Broadway, Belmont, Calif.

WESTERN BLOWER CO., 1800 Airport Way, Seattle 4, Wash.—Howard Nielsen Co., 429 S.W. 2nd St., Portland; Harold W. Frederick, Box 186, Spokane; Mechanical Equipment Co., P. O. Box 2332, Salt Lake City; F. W. Berger, Jr., 57 Post St., San Francisco 4; English & Lauer, Inc., 1978 S. Los Angeles St., Los Angeles 11; Von Hamm Young, Ltd., P. O. Box 2630, Honolulu, T. H.; General Equipment Ltd., 1230 Granville St., Vancouver, B. C.

WESTERN ELECTRO-MECHANICAL CO., INC., 300 Broadway, Oakland, Calif.—R. E. Cunningham & Son, 523 W. 6th St., Los Angeles; George Hoffman, 3007 S.W. Nebraska, Portland; Herman E. Held, 120 Main St., San Francisco.

WESTERN INSULATED WIRE CO., 2425 E. 30th St., Los Angeles, Calif.—Michael Curry, 736 18th Ave., San Francisco; Jack Stumph, 1000 4th Ave. S., Seattle; John Carder, 1624 N. First St., Albuquerque; A. E. Linzer, 807 Liliuokalani Ave., Honolulu.

WESTERN PACIFIC TRANSFORMER, INC., 750 San Antonio Rd., Palo Alto, Calif.—Birdsell Mfg. Co., 750 San Antonio Rd., Palo Alto; Rosen's Elec'l Equip. Co., 5028 S. VanNorman Road, Montebello, Calif.

WESTERN SWITCHBOARD CO., 474 Bryant St., San Francisco. (See adv., page 77.)

WESTERN TRANSFORMER CO., 618 E. 11th St., Oakland, Calif. (See adv., page 61.)

WESTINGHOUSE ELECTRIC CORP., 401 Liberty Ave., Pittsburgh, Pa.—INDUSTRIAL PRODUCTS: Walter J. Maytham, Vice President, 410 Bush St., San Francisco. District Offices: C. S. Purnell, Mgr., 600 St. Paul Ave., Los Angeles; K. L. Howe, Mgr., 3451 E. Marginal Way, Seattle; Norman H. Miller, Mgr., 309 S.W. 6th Ave., Portland; H. B. Hodgins, Mgr., 235 W. South Temple St., Salt Lake City; W. T. Michael, Mgr., 1102 N. 21st Ave., Phoenix; D. E. Kampschror, Mgr., 1 East Broadway, Butte; Louis A. Goalby, Mgr., 910 Fifteenth St., Denver; R. E. Blasen, Mgr., North 1023 Monroe St., Spokane; I. E. McDougal, Mgr., 525 E St., San Diego.

—LAMP DIVISION, headquarters, Bloomfield, N. J.—G. B. Mackey, Pac. Coast Mgr., 5815 Peladeau St., Emeryville 8, Calif.; R. B. Borland, Mgr. So. Pac. Div., 600 St. Paul Ave., Los Angeles; F. T. Anderson, Mgr. No. Pac. Div., 1200 Westlake Ave. N., Seattle 8; George E. Congdon, Mgr. Central Pac. Div., 410 Bush St., San Francisco; D. A. Steinkamp, 1052 Gas and Electric Bldg., Denver; L. A. Stevens, 1007 Southland Annex, Dallas.

—LIGHTING DIVISION, headquarters, Edgewater Park, Cleveland, Ohio. Walter J. Maytham, Vice-President, 410 Bush St., San Francisco. Branch Offices: Seattle, Portland, Los Angeles, Salt Lake City.

—ELEVATOR DIVISION, headquarters, Jersey City, N. J.—G. R. Baker, Pacific Coast Region Mgr., 715 Harrison St., San Francisco 7; H. C. Galitz, District Manager, 600 St. Paul Ave., Los Angeles.

—**X-RAY DIVISION**, headquarters, Baltimore, Md. Branch Offices and Managers: Harold Auld, 5815 Peladeau St., Emeryville 8, Calif.; Karl Burkholder and F. D. Bourke, 600 St. Paul Ave., Los Angeles; F. J. Pearson, 714 S.W. 13th Ave., Portland; J. J. McDevitt, 1416 Olive Way, Seattle; W. E. Birch, 235 West South Temple St., Salt Lake City.

—**ELECTRICAL APPLIANCE DIV.**, headquarters, 246 E. 4th St., Mansfield, Ohio. W. T. Baker, Pacific Coast Manager, 1355 Market St., San Francisco; H. E. Hugo, Sales Dev. Mgr., 1355 Market St., San Francisco. Branch offices in principal cities. Through leading distributors.

—**STURTEVANT DIV.**, headquarters Hyde Park, Mass.—Branch Offices and Managers: R. W. Sigmund, 410 Bush St., San Francisco; F. W. Jordan, 410 Bush St., San Francisco; W. S. Brouse, Los Angeles; J. S. Bowers, San Francisco. Agents: Brod & McClurg, Portland.

WESTON ELEC'L INSTRUMENT CORP., 614 Frelinghuysen Ave., Newark, N. J.—Eicher & Co., 263 Colman Bldg., Seattle 4; Herman E. Held, 147 10th St., San Francisco 3; Edward S. Sievers, 1662 Hillhurst Ave., Los Angeles 27; Peterson Co., 4949 Colorado Blvd., Denver 16; J. E. Redmond Supply Co., 625 W. Madison St., Phoenix.

WHEELCO INSTRUMENT DIV., Barber-Colman Co., Rock St., Rockford, Ill.—Branch Office: 190 East Glenarm St., Pasadena, Calif.; Jensen Instrument Co., 420 Market St., San Francisco; The Instrument Lab., Box 4098, Interbay Station, Seattle; Denver Fire Clay Co., 225 W. South Temple, Salt Lake City; 2301 Blake St., Denver; 1309 Texas St., El Paso; Farnes & Martig Co., 5741 N.E. Glisan, Portland.

THE WHEELER INSULATED WIRE CO., 150 E. Aurora St., Waterbury, Conn. — Rollins Electric, S. Atlantic Blvd., Monterey Park, Calif.; A. B. Loudermilk, 1539 Folsom St., San Francisco.

WHEELER REFLECTOR CO., 275 Congress St., Boston, Mass.—C. T. Bakeman & Associates, 445 Bryant St., San Francisco; J. G. Pomeroy Co., 1004 E. Fourth St., Los Angeles; Sanderlin C 129 First Ave. W., Seattle; P. A. Douden & Co., 1645 Wazee St., Denver.

WHIRLPOOL CORPORATION, St. Joseph, Mich.—Peter N. Prussing, 17555 Sunburst St., Northridge, Calif.; C. E. Reiner, 9840 Belfair Road, Bellevue, Wash.

WHITE CO., O. C., 17 Hermon, Worcester 8, Mass. — Dan H. Radke Co., 764 Natoma St., San Francisco; Bruce-Emmett Co., 830 S.E. Alder, Portland.

WHITE MOUNTAIN FREEZER CO., INC., Broad St., Nashau, N.H.—General Sales Corp., 500 Minnesota St., San Francisco.

WHITE-RODGERS ELECTRIC CO., 1209 Cass Ave., St. Louis 6, Mo.—Pacific Scientific Co., in following cities: 1430 Grande Vista Ave., Los Angeles; 25 Stillman St., San Francisco; 1915 First Ave. South, Seattle; Terminal Sales Bldg., Portland.

WHITING CORPORATION, 157th and Lathrop Ave., Harvey, Ill.—Branch Offices: 14420 S. Bloomfield Ave., Norwalk, Calif.; 350 Skinner Bldg., Seattle 1.

WHITNEY BLAKE CO., 1565 Dixwell Ave., New Haven 14, Conn.—Branch Office: Stanley Sherman, Box 1362, Los Altos, Calif.; H. C. Mitchell, Jr., 12243 Shetland Lane, Los Angeles 49.

WICKMAN GLOVE CO., 1824 San Pablo Ave., Berkeley, Calif.—Charles E. Morton Co., 1406 S. Grand Ave., Los Angeles; A. L. Dickson, 6321 Clark Rd., Paradise; Western Hdwe. & Tool Co., 122 10th St., San Francisco.

WICX-MERIT GLOVE CO., 1121 7th St., Oakland 20, Calif. (See adv. page 75.)

WIEGAND CO., EDWIN L., 7540 Thomas Blvd., Pittsburgh 8, Pa.—Montgomery Bros. in following cities: 1122 Howard St., San Francisco; 2113 S. San Pedro, Los Angeles 11; 1632 N.W. Johnson St., Portland 9; 911 Western Ave., Seattle 4; Richards & Associates, 2415 15th Ave., Denver 11.

WIEGMANN, E. M., Freeport, Ill.—Ernst Hauch, 1282 Folsom St., San Francisco.

WILCOLATOR CO., 1001 Newark Ave., Elizabeth 3, N. J.—James B. Fleming, 822 South Indiana St., Los Angeles 23.

WILCOX-GAY CORP., Charlotte, Mich. — Western Regional Office: 745 East Pico Blvd., Los Angeles, Calif.

WILDOR MFG. CO., 2710 Roosevelt Road, Broadview, Ill. — Keeler-White Co., 322 N.W. 4th Ave., Portland, and 1041 Sixth Ave., South, Seattle; Hodges & Glomb, 921 Bryant St., San Francisco; Steber Mfg. Co. of Calif., 242 S. Anderson St., Los Angeles; Murphy-Hain Co., 2133 Bay St., Los Angeles 21.

WILES CO., ELWOOD, 012 S.W. Montgomery, Portland, Ore. — J. E. Haseltine & Co., S.W. 2nd at Ash St., Portland and P.O. Box 482, Eugene, Ore.; Inland Pipe & Supply Co., Yakima; Miller Supply Inc., Wallula Road, Walla Walla; Bellingham Supply Co., Bellingham; Central Supply Co., 838 S.W. First Ave., Portland; Bean Electric Co., 924 First Ave. So., Seattle; Inland Electric Co., 812 Fourth Ave., Spokane; Gardner Beedon Co., 1436 N.W. 16th Ave., Portland.

WILEY, INC., R. & W., 119 Dearborn St., Buffalo, N. Y.—Harry N. Lindsey, 1261 W. 56th St., Los Angeles 37; William Benndorf, 401 W. Jefferson St., Phoenix; Fred R. Army, 4209 Parry Ave., Dallas 10.

WILLIAMS MFG. CO., Hugh B., 8330 Lovett St., Dallas, Texas—Joslyn Pacific Co. in following cities: 5100 District Blvd., Los Angeles 11; 180 Potrero Ave., San Francisco 3; 808 N.W. 16th Ave., Portland; 2424 First Ave. South, Seattle 4; 560 Gale St., Salt Lake City; Robert L. Pledger, West Coast Sales & Service representative, 1027 Magnolia Ave., Millbrae, Calif.

WILLIAMS PRODUCTS, H. E., Carthage, Mo. — Pacific Electric Sales Co., 140 S.E. 28th Ave., Portland 15.

WILMINGTON FIBRE SPECIALTY CO., New Castle, Delaware—Glenn H. Taylor, 1151 Santee St., Los Angeles; Gillette & McLaren, Inc., Arctic Bldg., Seattle and 309 S.W. 3rd Ave., Portland; C. H. Jones Equipment Co., Salt Lake City; Alfred E. Lilly & Associates, 907 Post St., San Francisco 9.

WILSOLITE CORP., 1827 Niagara St., Buffalo, N. Y.—Electrical Specialty, 158-168 Eleventh St., San Francisco; 2406 First Ave. So., Seattle; 2820 East 12th St., Los Angeles, and 1101 Stout St., Denver.

WILSON, INC., GRANT, 141 W. Jackson Blvd., Chicago, Ill.—Coastal Sales Co., Los Angeles, Seattle, Spokane and Portland; Elec'l Products Supply, Los Angeles; Peterson Supply, Portland; Graybar Electric Co. Inc., San Francisco.

WILSON LIGHTING & DISPLAY CO., J. A., 632 Main St., Buffalo, N. Y. — South Western Electric Co., 120 S. Hewitt St., Los Angeles 12; F & D Distributors, Box 2063, Salt Lake City.

WILSON RUBBER CO., 1200 Garfield Ave. S.W., Canton 6, Ohio—Ralphs-Pugh Co., 530 Howard St., San Francisco; Bailey Equipment Co., 1604 State St., San Diego; E. D. Bullard Co., 275 8th St., San Francisco; Guardian Safety Equip. Co., 6104 S. Main St., Los Angeles. Sold through General Electric Supply Co., all cities.

WILTON TOOL MFG. CO., 925 Wrightwood Ave., Chicago 14, Ill. —Lynn & Brooks, 2048 Market St., San Francisco and 3055 Wilshire Blvd., Los Angeles.

WINCHARGER CORP., East 7th and Division, Sioux City 2, Iowa. —Howard Toncray II, 1732 Blake St., Denver 2; Roy Hollabaugh Co., 20 S.E. 9th St., Portland; Chas. Packer Co., 420 First Ave. West, Seattle; Lynn Eng. & Supply, Russ Bldg., San Francisco.

WINFIELD METAL PRODUCTS CORP., 2421 W. Roosevelt Road, Chicago, Ill.—James Mundstock, 320 Market, San Francisco; Pete Bach, 1233 N. W. 12th Ave., Portland.

WING MFG. CO., L. J., Vreeland Mills Rd., Linden, N. J.—Harang Eng. Co., 840 Lake St., San Francisco; Trade-Wind Motorfans, Inc., 5725 S. Main St., Los Angeles; Olympic Supply, 1743 1st Ave. So., Seattle; R. H. Brown & Co., 620 Henry Bldg., Portland; W. A. Crowder, 602 Empire State Bldg., Spokane 1, Stapp Eng. Co., 512 Tabor Bldg., Denver; Lang Co. Inc., 267 W. First South, Salt Lake City.

WIRE CO. OF AMERICA, Goleta, Calif. — Wire Co. of America Building, 247 Santa Barbara Airport, Box 516, Santa Barbara, Calif.

WIREMOLD CO., Hartford 10, Conn.—F. A. Strohecker, 2207 First Ave. South, Seattle 4; George A. Gray Co., 2720 17th St., San Francisco 10; F. J. Airey Co., 1513-15 S. Mateo St., Los Angeles 21; Kenneth B. Schumann Co., 1073 Galapago St., Denver 4.

WIRT COMPANY, 5221 Greene St., Philadelphia, Pa. — J. W. Marsh Co., 4216 W. Jefferson Blvd., Los Angeles 16 and 1355 Market St., San Francisco.

WISCONSIN PORCELAIN CO., 2201 Grand Ave., Kansas City, Mo., Keeler White Co., 436 Colyton, Los Angeles; 615 7th St., San Francisco; 1041 6th Ave. South, Seattle and 322 N.W. Fourth, Portland.

WOLVERINE TUBE DIV., Guardian Towers, Guardian Bldg., Detroit, Mich.—Van D. Clothier Co., 1025 E. 16th St., Los Angeles, and 1301 Sixth St., San Francisco.

WOOD ELECTRIC CO., INC., C. D., 70-17 83rd St., Glendale, Long Island, N. Y.—Branch Office: Harry Appleton, 136 San Fernando St., Los Angeles.

WOOD FINISHING CO., N. J., Amboy Ave., Woodbridge, N. J.—Insulation & Wires, Inc., in following cities: 2240 E. Washington Blvd., Los Angeles 21; 1702 N.E. Sandy Blvd., Portland, 1077 Howard St., San Francisco.

WOOD PRESERVA CO., 1200 Harbor Ave. S.W., Seattle, Wash.—Thomas Wood Co., 220 9th Ave. No., Seattle 9; Conrad Wood Preservers, 107 E. Pine St., Centralia, Wash.; Rainier Wood Preservers, 2067 14th St., Chehalis, Wash.

WOOD WIRE PRODUCTS, 1057 E. 54th St., Indianapolis, Ind. — James C. Pope, Jr., 1827 So. Hope St., Los Angeles.

WOODHEAD CO., DANIEL, 15 N. Jefferson, Chicago, Ill. — Michel Brothers, 1015 E. 16th St., Los Angeles; K. B. Schumann, 1073 Galapago St., Denver; Shaffer Nelson Co., 312 Occidental Ave., Seattle and 139 S.E. Taylor, Portland; D. O. Harvey, Bountiful, Utah; John H. Maddox Co., 420 Market St., San Francisco.

WOODS WIRE PRODUCTS, 1057 E. 54th St., Indianapolis, Ind.—James C. Pope, Jr., 1827 So. Hope St., Los Angeles 15.

WORTHINGTON CORP., 400 Worthington Ave., Harrison, N. J. — Branch Offices: 224 Townsend St., San Francisco; 5075 Santa Fe, Los Angeles; 2616 Western Ave., Seattle; 118 Social Hall Ave., Salt Lake City; 1815 S.E. 7th Ave., Portland and 1217 W. Jefferson St., Phoenix.

WROUGHT WASHER MFG. CO., 2177 S. Bay St., Milwaukee 7, Wis.—Hughson and Merton in following cities: 910-B Elliott Ave., West., Seattle; 509 Beason Bldg., Salt Lake City; 3209 Glendale Blvd., Los Angeles; 1270 Bush St., San Francisco.

YATES AMERICAN MACHINE CO., Lipman Div., 729 Fourth St., Beloit, Wis.—H. C. Padon, Dist. Mgr., 836 N.W. 16th Ave., Portland 9; Fred Kibler, Western Representative, 1097 Karen Way, Mt. View, Calif.

YORKVILLE METAL PRODUCTS, 677 Broadway, New York City.—M. A. Wagner, 1075 Broadway, Belmont, Calif.

YOUNG BROTHERS CO., 1831 Columbus Road, Cleveland, Ohio O. H. Rosentreter, 8411 State St., South Gate, Calif.; John H. Lease, Box 246, Sta. "A," Palo Alto, Calif.

YOUNGSTOWN SHEET & TUBE CO., Youngstown 1, Ohio—Branch Offices: Youngstown Steel Products Co. in following cities: 714 W. Olympic Blvd., Los Angeles; 55 New Montgomery St., San Francisco; 457 Central Bldg., Seattle; 236 Railway Exchange Bldg., Denver; 1350 Esperon Bldg., Houston.

ZENITH RADIO CORP., 6001 W. Dickens Ave., Chicago 39, Ill.—H. R. Basford Co., 235 15th St., San Francisco; Sues, Young & Brown, Inc., 3636 S. Bronson Ave., Los Angeles; Seattle Hdwe. 501 First Avenue South, Seattle; General Appliance Corp., 341 Rio Grande St., Salt Lake City 10; Elec'l Dist. Co., 140 N.W. 14th Ave., Portland; Elec'l Equipment Co., First Ave. at Madison, Phoenix; Western Appliance Corp., 201 S. Cherokee, Denver; Columbia Elec. & Mfg. Co., 123 S. Wall, Spokane; Electric Supplies Dist. Co., 435 Second Ave., San Diego; Albert Mathias & Co., 111 So. Mesa Ave., El Paso; Midland Implement Co., 2301 Montana Ave., Billings, Mont.; Broill-Parks Co., 2225 19th St., Sacramento; B. J. De Jarnatt Wholesale Co., 223 Fulton St., Fresno.

ZENITH ELECTRIC CO., 152 W. Walton St., Chicago 10, Ill.—James Mundstock, 320 Market St., San Francisco; Ed Warburg Co., 1207 East 8th St., Los Angeles.

ZINSCO ELECTRICAL PRODUCTS, 729 Turner St., Los Angeles, Calif. — J. D. Land, 190 MacArthur Blvd., Oakland 10; Ralph Vickers, 155 Van Ness Ave., Fresno; R. E. Tweedy, 914 West Madison, Phoenix; W. S. Sanderlin, 129-131 First Ave. West, Seattle; R. Gilbreath, 1638 S. Pearl, Denver 10; E. T. McGillan, 513 Amherst Dr. S.E., Albuquerque, N. M.; Darger Co., 211 South Second West, Salt Lake City.

For Your METERING REQUIREMENTS

MD DEVICES 150 Amp.

HD DEVICES 200 Amp.

SOCKETS 100 Amp.

MOUNTING DEVICES

SINGLEPHASE WATTHOUR METERS

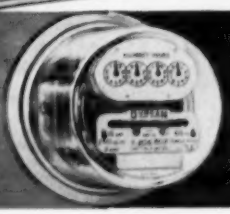
DEMAND METERS

POLYPHASE WATTHOUR METERS

Contact the representative nearest you. Socket distributors also located in many of the larger cities.

C. C. Blecksmith, P. O. Box 54, Covina, California.
A. & A. Supply Co.,
114 Morningside, N. E., Albuquerque, N. M.
A. & A. Supply Co., P. O. Box 769, Abilene, Texas.
Hamilton Associates, 1236 Elati St., Denver, Colo.
W. H. Eddy Elec. Products, Inc.,
Box 1428, Phoenix, Arizona.
Kitchen Electric Supply Co.,
P. O. Box 1831, Reno, Nevada.
Monitor Distributors, Inc.,
604 Utah Avenue, Butte, Montana.
Shaffer & Nelson,
312 Occidental Ave., Seattle 4, Wash.
Shaffer & Nelson,
139 S.E. Taylor St., Portland 14, Oregon.
Shaffer & Nelson, P. O. Box 198, Spokane 10, Wash.
Carlos W. Stone Company,
230-240 South 4th West, Salt Lake City, Utah.

DUNCAN WATTHOUR METERS



Aerial view of new Duncan Plant. Completely air conditioned—modern in every respect.

DUNCAN ELECTRIC MFG CO.
LAFAYETTE, INDIANA

WHERE-TO-BUY IN THE WEST

Alphabetical listing of various electrical products, showing manufacturers and Western sources. **PAGES 64-80.**

DIRECTORY OF MANUFACTURERS—Alphabetical listing of manufacturers of electrical equipment, showing their principal Western offices and sales representatives. **PAGES 1-63.**

DIRECTORY OF APPLIANCE SERVICE AND REPAIR PARTS—A listing of electrical appliance manufacturers' Western service stations and parts depots. **PAGES 86-104.**

DIRECTORY OF WESTERN REPRESENTATIVES—A listing by states and cities of manufacturers' representatives handling electrical lines. **PAGES 81-85.**

Adapters, All Types
Appleton Elec. Co.
Benjamin Elec. Mfg. Co.
Cook Co., E. B.
Crouse-Hinds Co.
Economy Fuse & Mfg. Co.
General Elec. Co.
North American Elec. Lamp Co.
Steel City Co.

Adhesives, Glues and Cements
L. B. Allen Co.
General Elec. Co.
General Elec. Supply Co.
Graybar Electric Co., Inc.
Johns-Manville Dutch Brand
U. S. Rubber Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Air Conditioning
Campbell & George
The Electric Corp.
Fedders-Quigan Corp.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Liner, Joseph
Montgomery Bros.
Northwest Sales & Eng. Service
Smallcomb Elec. Co.
Standard Electric Sales
Wallace Co., Walter E.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

Air Filters
Campbell & George
Signal Elec. Mfg. Co.

Alloys
Driver-Harris

Aluminum—Sheet, Rod and Tube
Aluminum Co. of America
Kaiser Aluminum & Chemical Sales
Reynolds Metals Co.
Roller-Smith Corp.
T. R. Routh Co.
Sangamo Elec. Co.
Somerville, G. N.
Tri-State Supply Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Weston Elec. Instr. Corp.
Williams Co., Allen I.

Anchors and Guy Rods
A. B. Chance Co.
Copperweld Steel Co.
Everstick Anchor Co.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
George E. Honn Co.
Hubbard & Co.
Industrial Eng. & Equip. Corp.
James R. Kearney Corp.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke Dept. GE Co.
Maydwell & Hartzell, Inc.
Wagner Malleable Prod. Co.
Waltham De Witt & Krusi
Westinghouse Elec. Supply Co.

Annunciators
Benz Co., Fred D.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Lundy, Ralph B.
Pomeroy Co., J. G.
Sperti-Faraday
H. H. Van Luven Co.

Appliances, Commercial
Calif. Ultraviolet Co.
General Elec. Co.
General Elec. Supply Co.
Graybar Elec. Co.
Hotpoint Co., Div. GE Co.
Stone Co., Carlos W.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

·TTRRCo·
THE T. R. ROUTH CO.
Metering & Control Specialists

THE ESTERLINE-ANGUS CO., INC.
AC & DC Recording Ammeters, Voltmeters & Wattmeters. Also Milliammeters, Power Factor, Frequency, Speed & Pressures.

INET, Division of Leach Corp.
Regulated Selenium Rectifiers. Aircraft Ground Power Units, Battery Chargers & Generators.

HERMAN H. STITCH CO., INC.
Portable Hand, Vibrating Reed, & Stationary Tachometers. Megohmers & Stop Watches. Static Eliminators.

BUFFALO METER COMPANY
Niagara Cold & Hot Water, Oil, Molasses, Chemical & Special Liquid Meters for Batch Control.

THE ADAMS & WESTLAKE CO.
ADLAKE Mercury Relays & Controls.

742 Market Street GArfield 1-5325
49 Geary Street San Francisco 2, California GArfield 1-5326

Ammeters, Ohmmeters, Voltmeters, Wattmeters
Allied Industries, Inc.
Brenner-Fiedler & Associates
Campbell & George Co.
Duncan Elec. Mfg. Co.
Electric Material Co.
General Elec. Co.
General Elec. Supply Co.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Kearns Co., James L.
James R. Kearney Corp.
Knopp, Inc.
Lundy, Ralph B.
Maydwell & Hartzell, Inc.
Nicholas, Fred M.
L. A. Nott
Nourse Equip. Co.
Olympic Instrument Laboratories
Randolph Co., H. J.

Appliances, Household
Calif. Ultraviolet Co.
The Electric Corp.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Hotpoint Co., Div. GE
Markel Elec. Products
Sierra Elec. Corp.
Sylvania Elec. Prod.
Stone Co., Carlos W.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

Armor Rods
Aluminum Co. of America
American Steel & Wire
Condon Co., Earl S.
Fanner Mfg. Co.
Indiana Steel & Wire
Pacific Utilities Supply Co.
Pope, Forrest E.
Preformed Line Products Co.
Ryals Co., K. M.

Arresters, Lightning
Arthur, Robert J.
Best, Ken H.
General Electric Co.
General Elec. Supply Co.
Geo. E. Honn Co.
Hubbard & Co.
Industrial Eng. & Equip. Corp.
James R. Kearney Corp.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
S & C Electric Co.
Standard Electric Sales
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Thomas Wood Co.

Ballasts, Fluorescent Lamp
General Elec. Co.
General Elec. Supply Co.
Gough Industries
Graybar Elec. Co., Inc.
Noel Co., Ray J.
Sylvania Elec. Prod., Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Bands, Cable and Pole Stubbing
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Hubbard & Co.
James R. Kearney Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Westinghouse Elec. Suppply Co.

Batteries and Equipment-Chargers
Allen-Bradley
Campbell & George Co.
Coastal States Elec. & Equip. Co.
Cook Co., E. B.
H. D. Easterbrook
Ford Co., Inc., T. A.
General Electric Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Kearns Co., James L.
Knopp, Inc.
Routh Co., T. R.
U. S. Rubber Co.
Westinghouse Elec. Supply Co.

Bells and Buzzers
K. M. Anderson Co., Inc.
Benjamin Elec. Mfg. Co.
Benndorf, Wm.
Fred D. Benz Co.
Frank H. Bran Co.
Crouse-Hinds Co.
Federal Sign & Signal Co.
General Elec. Supply Co.
Gough Industries, Inc.
Gratiot & Sons, C. J.
Geo. A. Gray Co.
Graybar Elec. Co., Inc.
Liner, Joseph
McMillen & Stanley Sales Corp.
F. M. Nicholas Co.
Pomeroy Co., J. G.
Prussia Co., Robt. B.
Sierra Elec. Corp.
Somerville, G. N.
Sperti-Faraday
Standard Electric Sales
Westinhouse Electric Corp.
Westinghouse Elec. Supply Co.

Belts, Linemen's Belts
Best, Ken H.
Buckingham Mfg. Co., Inc.
Dickson, A. L.
Graybar Elec. Co., Inc.
Klein & Sons, Mathias
Maydwell & Hartzell, Inc.
Western Hardware & Tool Co.
Westinghouse Elec. Supply Co.

Benders, Misc.
General Electric Supply Co.
Gough Industries, Inc.
Geo. A. Gray Co.
Graybar Elec. Co., Inc.
Greenlee Tool Co.
Lew Electrical Fittings
Line Material Co., Div. McGraw Elec.

Benders—Cont'd.
McGillan Sales Co.
Murphy-Hain Co.
F. M. Nicholas Co.
J. G. Pomeroy Co.
Republic Steel Corp.
Wallace Co., Walter E.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Blanks, Knockout or Snap-In
Arthur, Robt. J.
Appleton Electric Co.
Benz Co., Fred D.
Buchanan Elec'l Prod.
Greenlee Tool Co.
Nicholas, F. M.
Westinghouse Elec. Supply Co.

Blocks, Cable Conduit
Maydwell & Hartzell, Inc.
Soapstone Duct Co.

Blowers, Compressors
Allis-Chalmers Mfg. Co.
Anderson Co., Kenneth
Benz Co., Fred D.
Bran Co., Frank H.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Maydwell & Hartzell, Inc.
Montgomery Bros.
Nicholas, F. M.
Smallcomb Elec. Co.
Standard Electric Sales

Bolts, Nuts
General Elec. Supply Co.
Gough Industries, Inc.
Hubbard & Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Lombard Smith
Maydwell & Hartzell, Inc.
Unistrut Products Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Boxes, All Kinds
Allied Industries, Inc.
Appleton Elec. Co.
Baxter Co.
Best, Ken H.
Blakeman Bros. Elec. Mfg. Co.
The Frank H. Bran Co.
Buchanan Elec. Products, Inc.
Curry Co., The
Delta Star Elec. Co.

TOOL BELTS
"BUCKINGHAM" "BASHLIN"
"MILLER" "BUHRKE"

WESTERN HDWE. & TOOL CO.
122 10th St., San Francisco, Calif.
Write for **FREE** catalog No. 11

Eichorn & Melchior
The Electric Corp.
G. & W. Elec. Specialty Co.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
George A. Gray Co.
Graybar Elec. Co., Inc.
Hope Elec'l Prod. Co.
C. E. Ingalls & Sons
Kirk-Palka Co.
Lew Elec'l Fittings
McMillen & Stanley Sales Corp.
Meyers Safety Switch Co.
Murphy-Hain Co.
Murray Mfg. Co.
National Elec. Prod. Co.
Nicholas, F. M.
Northhwestern Agencies
O. Z. Electrical Mfg. Co.
J. G. Pomeroy Co.
Porcelain Products, Inc.
Prussia Co., Robt. B.
Russell & Stoll
Sierra Elec. Corp.
Square D. Co.
Steel City Elec.
Union Insulating Co., Inc.
Wallace Co., Walter E.
Waltham, deWitt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Braces (See Crossarms)

Brackets, All Types
Arthur, Robert J.
Benz Co., Fred D.
General Elec. Supply Co.
Gough Industries, Inc.
Hubbard & Co.
Kindorf Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec. Co.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
National Elec. Prod.
Pacific Car & Foundry Co.
Pfaff & Kendall
Porcelain Products, Inc.
Randolph Co., H. J.
Steel City
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Breakers
Air Circuit Breakers
Allied Industries
Allis-Chalmers Mfg. Co.
Benndorf, Wm.
BullDog Electric Products of L.A.
The Frank H. Bran Co.
Campbell & George Co.
Crouse-Hinds Co.
Coastal States Elec. & Equip. Co.
Curry, Michael
Eichorn & Melchior
The Electric Corp.
Federal Pacific Elec. Co.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
C. E. Ingalls
I-T-E Circuit Breaker Co.
Line Material Co., Div. McGraw Elec.
Oliver B. Lyman
Murray Mfg. Co.
Randolph Co., H. J.
Roller-Smith Corp.
Russell & Stoll
Safety Switchboard Co., Inc.
Sangamo Elec. Co.
Square D Co.
Trumbull, Dept. of GE Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Breakers, Oil Circuit
Allis-Chalmers Mfg. Co.
Bracken Sales Agency
Campbell & George Co.
Coastal States Elec. & Equip. Co.
Condon Co., Earl S.
Curry, Michael
Delta Star Elec. Div.
The Electric Corp.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
C. E. Ingalls
James R. Kearney Corp.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Pacific Elec. Switchgear Div.
Pacific Oerlikon Co.
Roller-Smith Corp.
Square D Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Bus Fittings
Arthur, Robert J.
Best, Ken H.
BullDog Electric Products of L.A.
Burndy Eng'g Co.
Cole Elec. Co.
Condon Co., Earl S.
E. B. Cook Co.
Delta Star Elec. Div.
Eichorn & Melchior
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Industrial Eng. & Equip. Corp.
C. E. Ingalls & Sons
I-T-E Circuit Breaker Co.
Kaiser Aluminum & Chem. Sales
James R. Kearney Corp.
Kirk-Palka Co.
Lapp Insulator Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
National Elec. Prod. Co.
Nicholas, F. M.
O. Z. Electrical Mfg. Co.
Pacific Elec. Switchgear Div.
Penn-Union Elec. Corp.
Pope, Forrest E.
Reynolds Metals Co.
Ryals, Co., K. M.
Safety Switchboard Co.
Schwager-Wood Corp.
Southern States Equip. Corp.
Square D Co.
Trumbull, Dept. of GE Co.
Waltham, deWitt & Krusi
Western Switchboard Co.
Westinghouse Elec. Supply Co.
Youngstown Sheet & Tube Co.

Bushings
Allied Industries, Inc.
Appleton Industries, Inc.
Arthur, Robt. J.
The Frank H. Bran Co.
Benz Co., Fred D.
Buchanan Electrical Prod. Co.
Curry Co., The
Delta Star Elec. Div.
Eichorn & Melchior
Federal Sign & Signal Co.
Gedney Electric Co.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Kirk-Palka Co.
Lapp Insulator Co., Inc.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
Murphy-Hain Co.
Nat'l Electrical Products Corp.
Nicholas Co., Fred M.
O. Z. Electrical Mfg. Co.
Porcelain Ins. Co.
Porcelain Products, Inc.
J. G. Pomeroy Co.
Pyle-National Co.
Shirreffs Co., Jim
Sierra Elec. Corp.
Simplet Electric Co.
The R. Thomas & Sons Co.
Tri-State Supply Corp.
Union Insulating Co.
Victor Insulators, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Cable Accessories
Allied Industries
Aluminum Co. of America
American Steel & Wire Co.
Anaconda Wire & Cable Co.
Arthur, Robert J.
Baxter Company
Benz Co., Fred D.
Bethea Co. Inc.
The Frank H. Bran Co.
Buchanan Elec. Prod. Corp.
BullDog Electric Products of L.A.
Cole Elec. Co.
Columbia Cable & Elec. Corp.
Condon Co., Earl S.
E. B. Cook
Curry Co., The
Delta Star Elec. Div.
Eichorn & Melchior
The Electric Corp.
Everstick Anchor Co.
Fargo Mfg. Co., Inc.
Ford Co., T. A.
G & W Elec. Specialty Co.
Gedney Electric Co.
General Cable Corp.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Industrial Eng. & Equip. Corp.
C. E. Ingalls & Sons
James R. Kearney Corp.

F. M. NICHOLAS CO.

Manufacturer's Agents

★ Industrial, Contractor and Utility Lines
★ Distribution through Electrical Wholesalers
★ Four experienced salesmen covering Northern California and Nevada
★ Servicing Architects and Engineers
★ Warehouse stocks maintained since 1931

714 Harrison St. • YUkon 2-1964 • San Francisco 7

Kirk-Palka Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
McMillen & Stanley Sales Corp.
Miller Electric Co.
Murphy-Hain Co.
National Tele. Supply Co.
Nicholas, F. M.
O. Z. Electrical Mfg. Co.
Pacific Utilities Supply Co.
Penn-Union Elec. Co.
Phelps Dodge Copper Prod. Co.
J. G. Pomeroy Co.
Pope, Forrest E.
Pyle-National Co.
Randolph Co., H. J.
John A. Roebling's Sons Co.
Rome Cable Corp.
Ryals Co., K. M.
H. B. Sherman Mfg. Co.
Shirreffs Co., Jim
Sierra Elec. Corp.
Soapstone Duct Co.
Squires & Marshall
Steel City Electric Co.
Stone Co., Carlos W.
Unistrut Products Co.
Western Insulated Wire Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Youngstown Sheet & Tube Co.

Cable, Armored
Allied Industries
American Steel & Wire Co.
Anaconda Wire & Cable Co.
Baxter Co.
The Frank H. Bran Co.
California Conduit & Cable Co.
Clifton Conduit Co. Inc.
Collyer Insulated Wire
Columbia Cable & Elec. Corp.
Curry Co., The
The Electric Corp.
Etteo Wire & Cable Corp.
General Cable Corp.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Nat'l Electrical Products Corp.
Okonite Company
Pacific Utilities Supply Co.
Phelps-Dodge Copper Prod. Co.
J. G. Pomeroy Co.
Robert R. Prussia Co.
Rockbestos Products Corp.
John A. Roebling's Sons Co.
Rome Cable Corp.
Simplex Wire & Cable Co.
Triangle Conduit & Cable Co.
U. S. Rubber Co.
U. S. Steel Co.
Westinghouse Elec. Corp.

Cable-Co.-Axial
American Steel & Wire Co.
Anaconda Wire & Cable
Benz Co., Fred
Eichorn & Melchior
Federal Tele. & Radio Corp.
General Cable Corp.
General Electric Co.
Graybar Elec. Co., Inc.
Maydwell & Hartzell, Inc.
Okonite Co.
U. S. Rubber Co.

Cable Installation Equipment
Bethea Co., Inc.
Cable Spinning Equip. Co.
Cope, Inc., T. J.
Honn Co., George E.
Pope, Forrest E.
Randolph Co., H. J.

FORREST E. POPE

P. O. Box 249
BURLINGAME, CALIF.
Diamond 2-0177

BETHEA CO. INC.
Aluminum Clamps & Fittings

ELECTRICAL ENGINEERS EQUIPMENT CO.
Indoor—SWITCHGEAR—Outdoor

PFAFF & KENDALL
Aluminum Lighting & Traffic Standards

WHEELER REFLECTOR CO.
Street Lighting Luminaires & Accessories

MICRO BALANCING, INC.
"LUMATROL" Photoelectric Controls

CARLOS W. STONE CO.

Manufacturers Representative

Hardware & Electrical Goods

230-240 South 4th (500) West
Phone ELgin 5-7194
Salt Lake City 1, Utah

Cables, Paper
American Steel & Wire
Anaconda Wire & Cable
General Cable Corp.
General Elec. Co.
Okonite Co.
Paranite Wire & Cable
Roebling's Sons, John A.
Triangle Conduit & Cable

Cables
Allied Industries
American Steel & Wire Co.
Anaconda Wire & Cable Co.
Benz Co., Fred D.
Baxter Co.
The Frank H. Bran Co.
California Conduit & Cable Co.
John Carder, Jr., Co.
Clifton Conduit Co. Inc.
Collyer Insulated Wire Co.
Columbia Cable & Elec. Corp.
Earl S. Condon
Copperweld Steel Co.
Curry Co., The
Eichorn & Melchior
The Electric Corp.
Electrical Specialty Co.
Essex Wire Corp.
Etteo Wire & Cable Corp.
General Cable Corp.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
George A. Gray Co.
Graybar Elec. Co., Inc.
Indiana Steel & Wire Co.
C. E. Ingalls
Kaiser Aluminum & Chem. Co.
James R. Kearney Corp.
Kerite Co.
Line Material Co., Div. McGraw Elec.
Liner, Joseph
Maydwell & Hartzell, Inc.
Metcalf & Co., Inc., James I.
McMillen & Stanley Sales Corp.
Murphy-Hain Co.
Nat'l Electrical Products Corp.
F. W. Nicholas Co.
The Okonite Co.
Pacific Utilities Supply Co.
Paranite Wire & Cable Co.
Phelps-Dodge Copper Prod. Corp.
Reynolds Metals Co.

Cables, Cont'd.
Rockbestos Prod. Corp.
Rome Cable Corp.
John A. Roebling's Sons Co.
Simplex Wire & Cable Co.
Stone Co., Carlos W.
Triangle Conduit & Cable Co., Inc.
Tri-State Supply Corp.
United States Rubber Co.
United States Steel Corp.
Western Insulated Wire & Cable
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Young & Co., Robt. A.

Cable Trays and Troughs
Arthur, Robert J.
Cope, Inc., T. J.
Honn Co., George E.
Johns-Manville
Randolph Co., H. J.

Capacitors
Curry, Michael
Electrical Specialty Co.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Kearney Corp., James R.
Line Material Co., Div. McGraw Elec.
Lombard Smith Co.
Oliver B. Lyman
Maydwell & Hartzell, Inc.
Moloney Elec. Co.
L. A. Nott
Sangamo Electric Co.
Tri-State Supply Corp.
Waltham, deWitt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Williams Co., Allen I.

Carbon Brushes
Campbell & George Co.
Carbon Engineering Corp.
Coastal States Elec. & Equip. Co.
Electrical Specialty Co.
General Electric Supply Co.
Gratiot & Sons, C. J.
Graybar Elec. Co., Inc.
Helwig Company
Northwest Sales & Eng. Service
Smallcomb Electric Co.
Tri-State Supply Corp.
Westinghouse Elec. Supply Co.

Carbon Products
Carbon Engineering Corp.
Electrical Specialty Co.
Gratiot & Sons, C. J.
Helwig Co.
Ohio Carbon Co.
Tri-State Supply Corp.

Cement, Electrical
Montgomery Bros.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Chairs—Cable, Pole Balconies and Seats
Chance Co., A. B.
Everstick Anchor Co.
Hubbard & Co.
Kearney Corp., Jas. R.
Kortick Mfg. Co.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.

Chimes
Kenneth M. Anderson Co.
Benjamin Elec. Mfg. Co.
Benz Co., Fred D.
The Frank H. Bran Co.
Electric Agencies, Inc.
General Electric Supply Co.
Gough Industries, Inc.
Gray Co., Geo. A.
Graybar Elec. Co., Inc.
McMillen & Stanley Sales Corp.
O. Z. Electrical Mfg. Co.
Sperti-Faraday
Square D Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Clamps, Cable
Aluminum Co. of America
Anderson Brass Works
Arthur, Robert J.
Burndy Engineering Co.
Buchanan Elec'l Prod. Co.
Carder, Jr., Co., John
A. B. Chance Co.
Copperweld Steel Co.
Delta Star Elec. Div.
Eichorn & Melchior
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Hubbard & Co.
Industrial Eng. & Equip. Co.
James R. Kearney Corp.
Kaiser Aluminum & Chem. Sales
Kindorf Co.
Kirk-Palka Co.
Klein & Sons, Mathias
Kortick Mfg. Co.
Lapp Insulator Co.
Line Material Co., Div. McGraw Elec.
Malleable Iron Fittings Co.
Maydwell & Hartzell, Inc.
Murphy-Hain Co.
Nicholas, F. M.
O. Z. Elec. Mfg. Co., Inc.
Pacific Elec. Switchgear Div.
Pacific Utilities Supply Co.
Penn-Union Elec. Corp.
Pope, Forrest E.
Reynolds Metals Co.
Roebling's Sons Co., John A.
H. B. Sherman Mfg. Co.
Soapstone Duct Co.
Steel City Electric Co.
Trumbull, Dept. GE Co.
Unistrut Products Co.
Victor Insulators, Inc.
Waltham, deWitt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Clamps, Conduit
Appleton Electric Co.
Arthur, Robert J.
General Electric Co.
General Electric Supply Co.
Honn Co., George E.
Kindorf Div. Steel City
Nicholas Co., F. M.
Pomeroy Co., J. G.
Steel City Electric Co.
Unistrut Products Co.
Wallace Co., Walter E.
Westinghouse Elec. Corp.

Clamps, Dead Ending
Aluminum Co. of America
Anderson Brass Works
Arthur, Robert J.
Bethea Co. Inc.
Brewer-Titchener Corp.
Burndy Eng'g Co.
A. B. Chance Co.
Delta Star Elec. Div.
Fargo Mfg. Co.
General Electric Supply Co.
Graybar Elec. Co., Inc.
Hubbard & Co.
James R. Kearney Corp.
Kaiser Aluminum & Chem. Sales
Kirk-Palka Co.
Kortick Mfg. Co.
Lapp Insulator Co.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Pacific Utilities Supply Co.
Penn-Union Elec. Corp.
Pope, Forrest E.
Porcelain Products, Inc.
Preformed Line Products Co.
Reynolds Metals Co.
Ryals Co., K. M.
Steel City Elec. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Clamps, Ground
Allied Industries, Inc.
Appleton Elec. Co.
Arthur, Robert J.
Best, Ken H.
Jasper Blackburn Prod. Corp.
Bran Co., Frank H.
Burndy Eng'g Co.
Carder Co., John
Chance Co., A. B.
Copperweld Steel Co.
Crouse-Hinds Co.
Delta Star Elec. Div.
Eichorn & Melchior
Fargo Mfg. Co.
General Electric Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Hubbard & Co.
C. E. Ingalls
James R. Kearney Corp.
Kirk-Palka Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Malleable Iron Fittings Co.
Maydwell & Hartzell, Inc.
Murphy-Hain Co.
National Tel. Supply Co.
Nicholas Co., F. M.
O. Z. Elec. Mfg. Co., Inc.
Pacific Utilities Supply Co.
Penn-Union Elec. Corp.
Porcelain Ins. Co.
Porcelain Products, Inc.
H. B. Sherman Mfg. Co.
Shirreffs Co., Jim
Steel City Elec. Co.
Thompson, L. W.
Waltham, deWitt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Clamps, Hot Line
Allied Industries, Inc.
Burndy Engineering Co.
Chance Co., A. B.
Fargo Mfg. Co.
General Elec. Co.
Kearney Corp., Jas. R.
Line Material Co., Div. McGraw Elec.
Lyman, Oliver B.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
Ryals Co., K. M.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Cleaners, Industrial Vacuum
General Electric Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Nicholas Co., F. M.
Westinghouse Electric Co.
Westinghouse Elec. Supply Co.

"Adjustable"
POLE CLIMBERS
"BUCKINGHAM"
"STEPHENS"
"BROOKS"
"MILLERS"
"BASHLINS"
WESTERN HDWE. & TOOL CO.
122 10th St.
San Francisco 3, Calif.
Write for FREE Catalog No. 11

Climbers
Best, Ken H.
Buckingham, Mfg. Co.
Dickson, A. L.
General Elec. Supply Co.
Graybar Elec. Co., Inc.
Klein & Sons, Mathias
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Western Hardware & Tool Co.

Clips, Hangers
BullDog Elec. Prod.
Bussmann Mfg. Co.
Carder, Jr., Co., John
Federal Pacific Elec.
General Elec. Supply Co.
Honn, Geo. E.
Kearney Corp., Jas. R.
Kindorf Div. Steel City
Penn-Union Elec. Co.
Sherman Mfg. Co., H. B.
Sierra Elec. Corp.
Square D Co.
Steel City Electric Co.
Trumbull, Dept. GE Co.
Wallace Co., Walter E.

Coils, Electric
Burton Equipment Co., Inc.
Economy Transformer Co., Inc.
Gardner Electric Mfg. Co.
I-T-E Circuit Breaker Co.
Preston Machinery Co.
Roebling's Sons Co., John A.
Sierra Elec. & Mfg. Co.

Coils, Winding, Repairing, Equipment
Burton Equipment Co., Inc.
Economy Transformer Co., Inc.
Gardner Electric Mfg. Co.
Jeffries Transformer Co.
Knopp, Inc.
Line Material Co., Div. McGraw Elec.
Mend-it-Sleeve Mfg. Co.
Murray Mfg. Co.
Nicholas Co., F. M.
Paules, E. G.
Preston Machinery Co.
Roebling's Sons Co., John A.
Tri-State Supply Co.

Commutator, Dressers
Electrical Specialty Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Holub Industries, Inc.
Ideal Industries, Inc.
Ohio Carbon Co.
Tri-State Supply Corp.

Commutator Undercutters-Slotters
General Elec. Co.
Tri-State Supply Corp.

Compounds, Insulating
Anaconda Wire & Cable Co.
Delta Star Elec. Div.
Eichorn & Melchior
Electrical Specialty Co.
G & W Elec. Specialty Co.
General Cable Corp.
General Elec. Co.
Geo. A. Gray Co.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
C. E. Ingalls & Sons
Irvington Varnish & Ins. Co.
Johns-Manville
Kearney Corp., James R.
Kirk-Palka Co.
C. D. La Moree
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Nicholas Co., F. M.
O. Z. Elec. Mfg. Co., Inc.
Okonite Co.
Rockbestos Products Corp.
Pomeroy Co., J. G.
John A. Roebling's Sons Co.
Safe-T-Seal Supply Corp.
Sierra Elec. Corp.
Tri-State Supply Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Condensers, Electric
Allis-Chalmers Mfg. Co.
Jasper Blackburn Corp.
Bracken Sales Agency
Electrical Specialty Co.
General Elec. Co.
General Elec. Supply Co.
Nott, L. A.
Sangamo Elec. Co.
Westinghouse Elec. Corp.

Condensers, Steam
Allis-Chalmers Mfg. Co.
Foster-Wheeler Corp.
Metcalf & Co., Inc., James I.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Conduit
Allied Industries
Aluminum Co. of America
Baxter Co.
Benz Co., Fred D.
Bran Co., Frank H.
Briegel Method Tool Co.
California Conduit & Cable Co.
Clifton Conduit Co. Inc.
Columbia Cable & Elec. Co.
Curry, Michael
The Electric Corp.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Johns-Manville Corp.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
McGuire, W. A.
McMillen & Stanley Sales Corp.
Michael Agency, Claude
Murphy-Hain Co.
National Elec. Prod. Co.
J. G. Pomeroy Co.
Republic Steel Corp.
Rome Cable Corp.
Soapstone Duct Co.
Spang-Chalfant Div. Nat'l Supply
Stone Co., Carlos W.
Triangle Conduit & Cable Co.
Tri-State Supply Corp.
Youngstown Sheet & Tube Co.

Conduit, Aluminum
Aluminum Co. of America
General Elec. Supply Co.
Graybar Electric Co., Inc.
Westinghouse Elec. Supply Co.

Conduit, Fibre
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Electric Co., Inc.
Johns-Manville Corp.
Line Material Co., Div. McGraw Elec.
Orangeburg Mfg. Co., Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

SOAPSTONE OCT-O-DUCT

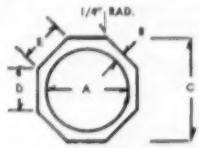
STACKS UP BEST IN EVERY WAY

Because it has flat sides, Soapstone OCT-O-DUCT is easier to handle . . . stacks up best in the trench.

It stacks up best on the profit sheet, too. For more than 25 years leading electric and telephone companies, underground contractors and government bodies have proved OCT-O-DUCT's unique features mean lowest installed cost and trouble-free performance.

When you specify underground conduit, remember these money-saving features:

- Lowest delivered cost of any first-grade underground conduit
- Flat sides eliminate need for expensive spacers
- Easiest to handle in the trench — fastest to lay
- Smoothest bore — lowest coefficient of friction
- Trench-side delivery
- Simple couplings require no tools
- Wide range of sizes, fittings, bends and adapters



A	B	C	D	E
(I.D.)	(WALL)	(WIDTH)	(SIDE)	(SHOULDER)
2	5/16	2 7/8	1 5/16	1 5/16
3	5/16	3 7/8	1 5/8	1 5/8
3 1/2	1/2	4 1/2	1 7/8	1 7/8
4	1/2	5	2 1/16	2 1/16
5	1/2	6	2 1/2	2 1/2

In addition to the above line of OCT-O-DUCT we can manufacture special ducts to order.

Send for new Soapstone OCT-O-DUCT Catalog and Installation Manual. No obligation.

SOAPSTONE DUCT COMPANY

110 Linfield Drive, Menlo Park, California

Distributed in the West by

MAYDWELL & HARTZELL, INC.

San Francisco • Los Angeles • Phoenix • Portland • Seattle • Spokane

THE BAXTER CO.

MANUFACTURERS REPRESENTATIVES

Collyer Insulated Wire Co.
Clifton Conduit & Cable Co.
Hill Transformer Company
Slater Electric & Mfg. Co.
Rattan Mfg. Co.
Revere Electric & Mfg. Co.
Knox Porcelain Corp.
All-Steel Equipment Co. (Raco)
Electro Vector Co.

101 KANSAS ST. MArket 1-8636
SAN FRANCISCO 3

Conduit, Fittings
Allied Industries
Anderson Co., Kenneth M.
Appleton Electric Co.
Baxter Co.
Benndorff, William
Benz Co., Fred D.
The Frank H. Bran Co.
Briegel Method Tool Co.
Buchanan Electrical Prod. Corp.
E. B. Cook Co.
Crouse Hinds Co.
Curry Co., The
Eichorn & Melchior
The Electric Corp.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Electric Co., Inc.
Johns-Manville Corp.
Killark Elec. Mfg. Co.
Levin, M.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
McGuire, William A.
McMillen & Stanley Sales Corp.
Murphy-Hain Co.
Nat'l Electrical Products Corp.
F. M. Nicholas Co.
O. Z. Elec. Mfg. Co., Inc.
Penn-Union Elec. Corp.
J. G. Pomeroy Co.
Prussia Co., Robt. B.
Republic Steel Corp.
Pyle-National Co.
Russell & Stoll
Shirreffs Co., Jim
Sierra Elec. Corp.
Simplet Elec. Co.
Soapstone Duct Co.
Square D Co.
Steel City Elec. Co.
Stone Co., Carlos W.
Tri-State Supply Corp.
Wagner Malleable Products Co.
Wallace Co., Walter F.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Youngstown Sheet & Tube Co.
Young & Co., Robt. A.

90° and 45° ELBOWS
Couplings, Nipples, E.M.T. and Special Radius Elbows, Goosenecks, Wall Plates and Running Thread
Conduit
CONDUIT PIPE PRODUCTS CO.
COLUMBUS, OHIO

Conduit, Flexible, Metallic
Anaconda Wire & Cable Co.
The Frank H. Bran Co.
California Conduit & Cable Co.
Columbia Cable & Elec. Corp.
Curry Co., The
Ettco Wire & Cable Corp.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Electric Co., Inc.
National Elec. Prod. Corp.
J. G. Pomeroy Co.
Prussia Co., Robt. R.
Rome Cable Corp.
Tri-State Supply Corp.
Triangle Conduit & Cable Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Conduit, Non-Metallic
Bran Co., Frank H.
Columbia Cable & Elec. Co.
Eichorn & Melchior
Essex Wire Corp.
Gray Co., George A.
Johns-Manville Corp.
LaMoree, C. D.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Prussia Co., Robt. R.
Soapstone Duct Co.
Triangle Conduit & Cable Co.

Conduit, Rigid
Allied Industries
Bran Co., Frank H.
Columbia Cable & Elec. Co.
The Electric Corp.
General Elec. Co.
General Elec. Supply Co.
Johns-Manville Corp.
National Electric Products
Republic Steel Corp.
Rome Cable Corp.
Spang-Chalfant Div. Nat'l. Sup.
Tri-State Supply Corp.
Triangle Conduit & Cable Co.
Youngstown Sheet & Tube Co.

Conduit, Underground
Benz Co., Fred D.
Bran Co., Frank H.
Columbia Cable & Elec. Co.
The Electric Corp.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Electric Co., Inc.
Johns-Manville Corp.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
National Elec. Prod. Co.
Rome Cable Corp.
Soapstone Duct Co.
Spang-Chalfant Div. Nat'l Sup. Co
Square D Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Connectors, Couplings
Allied Industries
Anderson Co., Kenneth
Anderson Brass Works
Appleton Electric Co.
Arthur, Robert J.
Baxter Co.
Benndorff, Wm.
Benz Co., Fred D.
Best, Ken H.
Bethea Co., Inc.
Jasper Blackburn Corp.
The Frank H. Bran Co.
Briegel Method Tool Co.
Buchanan Electrical Prod. Co.
Burndy Eng'g Co.
Campbell & George Co.
Cannon Elec. Co.
Carder Co., John
Clark Controller Co.
Earl S. Condon Co.
Conduit Pipe Products Co.
Cook Co., E. B.
Crouse Hinds Co.
Curry Co., The
Delta Star Elec. Div.
Dossert Mfg. Co.
Eichorn & Melchior
Electrical Specialty Co.
Fargo Mfg. Co., Inc.
Gedney Electric Co.
General Electric Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Electric Co., Inc.
Geo. E. Honn Co.
Hubbard & Co.
Industrial Eng. & Equip. Corp.
C. E. Ingalls
James R. Kearney Corp.
Johns-Manville
Killark Electric Mfg. Co.
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
Joseph Liner
Locke, Dept. GE Co.
Oliver B. Lyman
Maydwell & Hartzell, Inc.
McMillen & Stanley Sales Corp.
Minnesota Mining & Mfg. Co.
Murphy-Hain Co.
National Elec. Prod. Co.
National Tele. Supply Co.
F. M. Nicholas Co.
O. Z. Elec. Mfg. Co., Inc.
Pacific Utilities Supply Co.
Pass & Seymour
Penn-Union Elec. Corp.
Pomeroy Co., J. G.
Pope, Forrest E.
Prussia Co., Robt. R.
Ryals Co., K. M.
H. B. Sherman Mfg. Co.
Shirreffs Co., Jim
Southern States Equip. Corp.
Square D Co.
Stone Co., Carlos W.
Trumbull, Dept. GE Co.
Wallace Co., Walter E.
Waltham, deWitt & Krusi
Western Hardware & Tool Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wood Co., Thomas
Young & Co., Robt. A.

Control Equipment
Allen-Bradley Co.
Automatic Switch Co.
Brenner-Fiedler & Associates
BullDog Electric Prod. of L.A.
Campbell & George Co.
Clark Controller Co.
Coastal States Elec. & Equip. Co.
Condon Co., Earl S.
Cook Co., E. B.
Crouse-Hinds Co.
H. D. Easterbook
Eichorn & Melchior
The Electric Corp.
Federal Pacific Electric Co.
Federal Sign & Signal Co.
Fisher-Pierce Co., Inc.
General Electric Co.
General Electric Supply Co.
General Switch Corp.
Geraty Eng. Specialties
Goebel, Wm. J.
Gough Industries, Inc.
Graybar Electric Co., Inc.
C. E. Ingalls
Kearns Co., James L.
Kirk-Palka Co.
Lundy, Ralph B.
Maydwell & Hartzell, Inc.
Moloney Elec. Co.
Montgomery Bros.
James Mundstock
F. M. Nicholas Co.
L. A. Nott
Pope, Forrest E.
Preston Machinery Co.
Randolph Co., H. J.
T. R. Routh Co.
Russell & Stoll
Sierra Elec. Corp.
Square D Co.
Standard Electric Sales
Tork Clock Co.
Trumbull, Dept. GE Co.
Walter Wallace Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wood Co., Thomas
Young & Co., Robt. A.

Converters, Synchronous
Allis-Chalmers Mfg. Co.
General Electric Co.
Kearns Co., James L.
Lombard Smith
Westinghouse Elec. Corp.

THE ELECTRIC CORP.

200 S. Mission, Los Angeles 54
Apparatus — Supplies
Appliances
Distributors for 48 Years
ANgelus 9-0111

Cords, Appliance
Anaconda Wire & Cable Co.
Benz Co., Fred D.
Bran Co., Frank H.
Cornish Wire Co.
The Electric Corp.
Fincke Co., J. M.
General Cable Corp.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electric Co., Inc.
Nat'l Elec. Prod. Corp.
Rockbestos Products Corp.
Roebling's Sons Co., John A.
Rome Cable Corp.
Shirreffs Co., Jim
Sperti-Faraday
U. S. Rubber Co.
Wallace Co., Walter E.
Western Ins. Wire Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Cords, Heavy Duty
American Steel & Wire Co.
Anaconda Wire & Cable Co.
Benz Co., Fred D.
Bran Co., Frank H.
Collyer Insulated Wire Co.
Earl S. Condon
Cornish Wire Co., Inc.
Curry Co., The
The Electric Corp.
Essex Wire Corp.
Fincke Co., John M.
General Cable Corp.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Gray Co., Geo. A.
Graybar Elec. Co.
Maydwell & Hartzell, Inc.
National Elec. Products Corp.
Nicholas Co., F. M.
Okonite Co.
Pacific Utilities Supply Co.
Rockbestos Products Corp.
John A. Roebling's Sons Co.
Rome Cable Corp.
Simplex Wire & Cable Co.
Tri-State Supply Corp.
U. S. Rubber Co.
U. S. Steel Co.
Wallace Co., Walter E.
Western Ins. Wire Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Counters, Computing Devices
Arthur, Robert J.
General Electric Co.

Couplings
(See Connectors, Couplings)

Cranes
(See Derricks, or Trolley Systems)

Crossarms
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Geo. E. Honn Co.
Hubbard & Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
Waltham, DeWitt & Krusi
Westinghouse Elec. Supply Co.

Cutouts
Benndorff, Wm.
Chance Co., A. B.
Coastal States Elec. & Equip Co.
Electric Material Co.
G & W Electric Specialty Co.
General Elec. Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Hubbard & Co.
Industrial Eng. & Equip. Co.
C. E. Ingalls & Sons
James R. Kearney Corp.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Pacific Elec. Switchgear Div.
R I & E Equip. Div.
Randolph Co., H. J.
S. & C. Electric Co.
Southern States Equipment Corp.
Square D Co.
Waltham, DeWitt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Cutters, Shears
Bartlett Mfg. Co.
T. A. Ford Co.
General Electric Co.
Greenlee Tool Co.
Honn Co., George E.
McGillan Sales Co.
Pacific Utilities Supply Co.
Ryals Co., K. M.

Dead-Ends
(See Clamps, Dead-Ends)

Derricks—Dinkies
American Truck Equip. Co.
Four Wheel Drive Auto Co.
Hall, Fred C.
McCabe Powers Auto Body Co.
Moffett Engineering Co.
Pacific Coast Eng. Co.
Tel-E-Lect Products, Inc.
Utility Body Co

Diggers, and Augers
(See Earth Boring Equipment)

Distribution Specialties
Best, Ken H.
Burndy Eng. Co.
Eichorn & Melchior
The Electric Corp.
Fargo Mfg. Co., Inc.
General Elec. Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Hubbard & Co.
James R. Kearney Corp.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
W. N. Matthews Corp.
Maydwell & Hartzell, Inc.
O. Z. Electrical Mfg. Co.
Pacific Utilities Supply Co.
Porcelain Products, Inc.
Ryals Co., K. M.
Safety Switchboard Co.
S. & C. Electric Co.
H. B. Sherman Mfg. Co.
Sierra Elec. Corp.
The R. Thomas & Sons Co.
Trumbull, Dept. GE Co.
Waltham, De Witt & Krusi
Western Switchboard Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Drills
Benz Co., Fred D.
Eichorn & Melchior
Greene & Sons, H. R.
Greenlee Tool Co.
Hubbard & Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Nicholas Co., F. M.
Peterson Engineering Co.
Signal Elec. Mfg. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Duct
Arthur, Robert J.
Allis-Chalmers
Benndorff, Wm.
BullDog Elec. Products Co.
Cope, Inc., T. J.
Eichorn & Melchior
Federal Pacific Electric
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Honn, Geo. E.
Ingalls & Sons, C. E.
Johns-Manville Corp.
Line Material Co., Div. McGraw Elec.
Lyman, Oliver B.
Maydwell & Hartzell, Inc.
National Elec. Prod. Corp.
Randolph Co., H. J.
Ryals Co., K. M.
Safety Switchboard Co.
Smallcomb Electric Co.
Soapstone Duct Co.
Square D Co.
Trumbull, Dept. GE Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Earth Boring Equipment
Chance Co., A. B.
Everstick Anchor Co.
Graybar Elec. Co., Inc.
Geo. E. Hohn Co.
Line Material Co., Div. McGraw Elec.
McGillan Sales
Petersen Engineering Co.
Tel-E-Lect Products Co.
Utility Body Co.
Walter E. Wallace Co.
Westinghouse Elec. Supply Corp.

Economizers
Combustion Eng. Superheater, Inc.
Foster-Wheeler Corp.

Electrical Connections
Arthur, Robert J.
Eichorn & Melchior
Erico Products Co.
Russell & Stoll
Ryals Co., K. M.
Sierra Elec. Corp.

Electrodes
Federal Sign & Signal Co.
General Elec. Co.
Graybar Elec. Co.
Westinghouse Elec. Corp.

Electronic Devices
Arthur, Robert J.
Benz Co., Fred D.
Brenner-Fiedler & Associates
Condon Co., Earl S.
Cook Co., E. B.
Eichorn & Melchior
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Hill Transformer Co.
Ingalls & Sons, C. E.
JWR Co.
Kearns Co., James L.
Nott, L. A.
Peterson, F. Somers
Pope, Forrest E.
Randolph Co., H. J.
Routh Co., T. R.
Sierra Elec. Corp.
Smallcomb Electric Co.
Standard Electric Sales
Sylvania Electrical Products Co.
Square D Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Williams Co., Allen

Electroplaters (See Platers)

Enclosures, Meter and Instrument
Crouse-Hinds Co.
General Elec. Supply Co.
Geo. A. Gray
Graybar Elec. Co., Inc.
Lyman, Oliver B.
Meter Devices Co.
Murray Mfg. Co.
L. A. Nott
Square D Co.
Trumbull, Dept. GE Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wood Co., Thomas

Exchangers, Heat
Allis-Chalmers Mfg. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Fans
Anderson Co., Kenneth
Benz Co., Fred D.
Bran Co., Frank H.
Broan Mfg. Co., Inc.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
JWR Co., Inc.
Levin, M.
Maydwell & Hartzell, Inc.
McMillen & Stanley Sales Corp.
Montgomery Bros.
Nicholas Co., F. M.
Panama Lamp & Com. Co.
Signal Elec. Mfg. Co.
Smallcomb Elec. Co.
Taufenbach Co., Les
Trade-Wind Motorfans, Inc.
Wagner Elec. Corp.
Wallace Co., Walter E.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

Fans, Kitchen Ventilating
Broan Mfg. Co., Inc.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Montgomery Bros.
Nicholas Co., F. M.
Signal Electric Mfg. Co.
Smallcomb Elec. Co.
Trade-Wind Motorfans, Inc.
Wagner Elec. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Farm Electrification Equipment
E. B. Cook
O. W. Coombs
Crouse-Hinds Co.
General Electric Co.
General Electric Supply Co.
General Switch Co.
Graybar Elec. Co., Inc.
The Jones Metal Prod. Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
J. G. Pomeroy Co.
Porcelain Products, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Feed Water Heaters
Allis-Chalmers Mfg. Co.
Combustion Engineering - Superheater, Inc.
Foster-Wheeler Corp.

Filters
General Electric Co.
General Electric Supply Co.
Graybar Elec. Co., Inc.
Kaufmann, Leo
Montgomery Bros.
Smallcomb Elec. Co.
Tri-State Supply Corp.
Westinghouse Elec. Corp.
Wood, T. S.

Fireplace Equipment
Gough Industries, Inc.
Strait & Richards, Inc.
Westinghouse Elec. Corp.

Fire-Proofing
Johns Manville Corp.
Rockbestos Prod. Corp.

Fittings, Conduit
(See Conduit Fittings)

Fittings, Copper Conductor
Allied Industries, Inc.
Anderson Brass Works
Arthur, Robert J.
Jasper Blackburn Corp.
Buchanan Elec'l Prod. Corp.
Burndy Eng'g Co.
Delta Star Elec. Div.
Dossert Mfg. Co.
Eichorn & Melchior
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Industrial Eng. & Equip. Co.
James R. Kearney Corp.
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Nicholas Co., F. M.
O. Z. Elec'l Mfg. Co.
Pacific Elec. Switchgear Div.
Pacific Utilities Supply Co.
Penn-Union Elec. Corp.
J. G. Pomeroy & Co.
Porcelain Products, Inc.
Prussia Co., Robert R.
Ryals Co., Ken
Schwager-Wood Corp.
H. B. Sherman Mfg. Co.
Waltham, DeWitt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Fittings, Fixture
Arthur, Robert J.
Benjamin Elec. Mfg. Co.
Buchanan Elec'l Products
McGill Co.
Mundstock, James
Nicholas, F. M.
J. G. Pomeroy Co.
Steel City Elec. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Fittings, Insulator
Kenneth M. Anderson Co.
Arthur, Robert J.
Brewer-Titchener Corp.
Buchanan Electrical Prod. Corp.
Delta Star Elec. Div.
Eichorn & Melchior
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Gray Co., George A.
Honn Co., Geo. E.
Hubbard & Co.
Kirk-Palka Co.
Kortick Mfg. Co.
Lapp Insulator Co., Inc.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
Nicholas, F. M.
O. Z. Electrical Mfg. Co.
Penn-Union Elec. Corp.
Porcelain Products, Inc.
R. Thomas & Sons Co.
Victor Insulators, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Fittings, Marine
Allied Industries, Inc.
Eichorn & Melchior
General Electric Supply Co.
James Mundstock
Russell & Stoll
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Fittings, Pipe & Structural
Arthur, Robert J.
Delta Star Elec. Div.
Eichorn & Melchior
General Electric Co.
C. E. Ingalls & Sons
Kirk-Palka Co.

LEO KAUFMANN

Manufacturers' Representative & Distributor

Special Lighting Equipment

72 SACRAMENTO STREET
SAN FRANCISCO 11
GArfield 1-7877

Ultra-violet and Black Light Lamps
Mineralights
Geiger Counters—Scintillators
Cooper-Hewitt Mercury Vapor Lamps
Gaseous Conductor Lamps
Sterilaire-Germicidal Lamps
Corning Glass Filters
Fused Quartz Laboratory Apparatus
General Electric Lamps
Luminous Paints & Lacquers
Slimline & Fluorescent Light Fixtures

Line Material Co., Div. McGraw Elec.
O. Z. Electrical Mfg. Co.
Porcelain Products, Inc.
Steel City Electric Co.
Unistrut Products
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

A. R. PARKER COMPANY SE 1-6537
420 Market St., San Francisco, Calif.

SWIVELIER CO., INC.
Universally Adjustable Lighting Products
ELECTRO SILV-A-KING CORP.
Commercial, Industrial, Floodlighting
ALBERT SECHRIST MFG. CO.
Standard Commercial and Custom Designed
WESTLITE—Stage Lighting
ANALITE—Color Matching and Inspection Light

Fixtures, Lighting
Allied Industries, Inc.
Anderson Co., Kenneth
Appleton Electric Co.
Arthur, Robert J.
Bakemann & Associates, C. T.
Benjamin Elec. Mfg. Co.
Benz Co., Fred D.
Brundage, J. H.
E. B. Cook
Crouse-Hinds Co.
Curtis Lighting, Inc.
Day-Brite Lighting, Inc.
Eichorn & Melchior
The Electric Corp.
Federal Sign & Signal Co.
General Electric Supply Co.
Globe Lighting Products, Inc.
Gough Industries, Inc.
Gray Co., Geo. A.
Graybar Elec. Co., Inc.
Holophane Co., Inc.
Hubbard & Co.
Jones Metal Products
Levin, M.
Kaufman, Leo
Killark Elec. Mfg. Co.
Line Material Co., Div. McGraw Elec.
McGuire, Wm. A.
Miller Co.
James Mundstock
Neo-Ray Products, Inc.
Nicholas Co., F. M.
Parker Co., A. R.
Pass & Seymour, Inc.
J. G. Pomeroy Co.
Pyle-National Co.
Russell & Stoll
Smoot-Holman Co.
Supreme Lighting Co.
Sylvania Elec. Prod. Co.
Versen Co., Kurt
The Wakefield Brass Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Flashers
Crouse-Hinds Co.
General Electric Supply Co.
Graybar Electric Co., Inc.
L. A. Nott
Sangamo Elec. Co.
Westinghouse Elec. Corp.

BLACKBURN
Copper-Bonded
GROUND ROD

DISTRIBUTED BY

KORTICK MFG. CO.

5600 THIRD STREET, SAN FRANCISCO 24, CALIF.

WAREHOUSE STOCKS AT

LOS ANGELES SAN FRANCISCO
PORTLAND SEATTLE

Flashlights
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electrical Products Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Floodlights
Appleton Electric Co.
Bakeman & Associates, C. T.
Benjamin Elec. Mfg. Co.
Benz Co., Fred D.
Best, Ken H.
Bran Co., Frank H.
E. B. Cook
Crouse-Hinds Co.
Curtis Lighting, Inc.
The Electric Corp.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Jones Metal Products Co.
Killark Elec. Mfg. Co.
Line Material Co., Div. McGraw Elec.
F. M. Nicholas Co.
Pacific Industries
Parker Co., A. R.
Pyle-National Co.
Revere Elec. Mfg. Co.
S & M Lamp Co.
Smoot-Holman Co.
Sylvania Elec. Prod. Co.
Waltham, DeWitt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Fluorescent Fixtures & Accessories
Appleton Elec. Co.
Arthur, Robert J.
Associated Lighting Service
Bakeman & Associates, C. T.
Benjamin Elec. & Mfg. Co.
Benz Co., Fred D.
Brundage, J. H.
The Frank H. Bran Co.
BullDog Elec. Products of L.A.
Chilton, H. R.
Coastal States Elec. & Equip. Co.
Columbia Elec. & Mfg. Co.
E. B. Cook Co.
Crouse-Hinds Co.
Curtis Lighting, Inc.
Day-Brite Lighting, Inc.
Federal Sign & Signal Co.
Fluorescent Fixtures of Calif.
General Elec. Co.
General Electric Supply Co.
Globe Lighting Prod., Inc.
Gough Industries, Inc.
Gratiot & Sons, C. J.
Geo. A. Gray Co.
Graybar Elec. Co.
Holophane Co., Inc.
JWRCo., Inc.
Kaufmann, Leo
Leadlight Fixture Co.
McGillan Sales Co.
Miller Co.
Moe Light, Div.
James Mundstock
Neo-Ray Products, Inc.
F. M. Nicholas Co.
Pacific Industries
Parker Co., A. R.
Pass & Seymour, Inc.
Pomeroy Co., J. G.
Pope, Forrest E.
Smithcraft Lighting Division
Smoot-Holman Co.
H. B. Squires Co.
Steber Mfg. Co. of Calif.
Sunbeam Lighting Co.
Sylvania Elec. Products, Inc.
F. W. Wakefield Brass Co.
Westinghouse Elec. Corp.
Wheeler Reflector Co.

Fluorescent Lacquers
General Electric Supply Co.
Graybar Elec. Co.
Kaufmann, Leo
Sylvania Elec. Prod., Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Fluxes, All Types
L. B. Allen Co.
General Elec. Co.

Foil—Aluminum
Aluminum Co. of America
Kaiser Aluminum & Chem. Sales
Reynolds Metals Co.

Furnaces, Electric
E. B. Cook Co.
General Elec. Co.
Graybar Electrical Co., Inc.
Kirk-Palka Co.
Kuhlman Elec. Co., Detroit Elec. Furnace Div.
Meier Elec. & Machine Co.
Montgomery Bros.
Randolph Co., H. J.
Shirreffs Co., Jim
Lombard Smith
Westinghouse Elec. Corp.
Wilt Co., O. B.

Fuse Clips
Bussmann Mfg. Co.
John Carder, Jr., Co.
Elec. Specialty Co.
General Electric Supply Co.
H. B. Sherman Mfg. Co.
Southern States Equip. Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Fuses
Anderson Co., Kenneth
Arthur, Robert J.
Benndorff, Wm.
Benz Co., Fred D.
The Frank H. Bran Co.
Bussmann Mfg. Co.
A. B. Chance Co.
Chase-Shawmut Co.
Coast States Elec. & Equip. Co.
Cole Electric Co.
Earl S. Condon Co.
Economy Fuse & Mfg. Co.
The Electric Corp.
Electrical Specialty Co.
General Electric Co.
General Electric Supply Co.
Gratiot & Sons, C. J.
Gough Industries, Inc.
Geo. E. Honn Co.
Industrial Eng. & Equip. Corp.
C. E. Ingalls & Sons
James R. Kearney Corp.
Kearns Co., James L.
Killark Elec. Mfg. Co.
Levin, M.
Line Material Co., Div. McGraw Elec.
Westinghouse Elec. Supply Co.
Young & Co., Robt. A.

Generators, Steam
Combustion Eng. Superheater, Inc.
Foster-Wheeler Corp.
Metcalf & Co., Inc., James I.
Pyle-National
Westinghouse Elec. Corp.

Gloves, Protective
Best, Ken H.
Dickson, A. L.
Western Hdwe. & Tool Co.
Wickman Glove
Wiex-Merit Glove Co.

Graphite Products
Carbon Engineering Corp.
Ohio Carbon Co.

Grinders, Portable
Campbell & George
General Electric Supply Co.
Graybar Electrical Products Co.
Nicholas Co., F. M.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Grounding Devices
Arthur, Robert J.
Copperweld Steel Co.
Delta Star Elec. Div.
Eichorn & Melchior
General Electric Supply Co.
O. Z. Elec'l Mfg. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Ground Rods
Jasper Blackburn Corp.
Copperweld Steel Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electric Co., Inc.
Hubbard & Co.
C. E. Ingalls
James R. Kearney Corp.

EDWIN L. WIEGAND CO.
Chromalox
Electrical Heating Equipment
Air Heaters — Immersion Heaters
Range Units — FAR Infra-Red Heaters
Circulation Heaters — Comfort Htrs.
PEERLESS ELECTRIC CO.
Fans and Blowers
Furnace Fans
ARKLES SWITCH CORP.
Electric Switches
AQUAMATIC INC.
Water Softener & Filter Control Valves

ELECTRIC CONTROLS, INC.
Thermostats
COMMERCIAL FILTERS CORP.
Fulflo Filters — For all liquid and gases
SAUEREISEN CEMENTS CO.
Electrical Cements
THE KANTHAL CORP.
Electric Resistance Wire and alloys

Exclusively Represented in the Following Territory:
WASHINGTON, OREGON, IDAHO, WESTERN MONTANA, UTAH, NEVADA, ARIZONA AND CALIFORNIA

MONTGOMERY BROTHERS

SEATTLE 4 SAN FRANCISCO 3 PORTAND 9 LOS ANGELES 11
911 Western Ave. 1122 Howard St. 1632 N.W. Johnson 2113 S. San Pedro

Joseph Liner
McGillan Sales Co.
Maydwell & Hartzell, Inc.
Miller Electric Co.
F. M. Nicholas Co.
Pacific Elec. Switchgear Div.
Pomeroy Co., J. G.
Randolph Co., H. J.
S & C Elec. Co.
Southern States Equip. Corp.
Square D Co.
Wallace Co., Walter E.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wood Co., Thomas

Generators & Equipment
Allis-Chalmers Mfg. Co.
Brenner-Fiedler & Associates
Campbell & George Co.
Coastal States Elec. & Equip. Co.
Easterbrook, H. D.
Electric Equipment Co.
Electric Specialty Co.
Electro-Motive Div. General Motors Corp.
Ford Co., T. A.
General Electric Co.
Gough Industries, Inc.
Kearns Co., James L.
Nourse Equip. Co.
Routh Co., T. R.
Smallcomb Electric Co.
Lombard Smith
Somerville, G. N.
Westinghouse Elec. Corp.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Hangers, Cable—Conduit Box
Arthur, Robert J.
Burndy Eng. Co., Inc.
Crouse-Hinds Co.
Eichorn & Melchior
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electric Co., Inc.
Geo. E. Honn Co.
Hubbard & Co.
James R. Kearney Corp
Kindorf Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
National Electric Prod. Co.
Nat'l Tele. Supply Co.
Nicholas Co., Fred
O. Z. Electrical Mfg. Co.
Shirreffs Co., Jim
Square D Co.
Steel City Electric Co.
Unistrut Products Co.
Wallace Co., Walter E.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Heaters, Air
Benndorff Co., Wm.
Benz Co., Fred D.
Bran Co., Frank H.
Canadian Armature Works
Cavalier Corp.
Condon Co., Earl S.
E. B. Cook Co.
Copperweld Steel Co.
General Electric Co.
The Electric Corp.
General Electric Supply Co.
Gough Industries, Inc.
Gratiot & Sons, C. J.
Graybar Electric Co., Inc.
Kirk-Palka Co.
La Salle Lighting Prod., Inc.
Markel Elec. Prod., Inc.
McMillen & Stanley Sales Corp.
Meier Elec. & Machine Co., Inc.
Montgomery Bros.
Randolph Co., H. J.
Shirreffs Co., Jim
Lombard Smith
Smallcomb Elec. Co.
Thermador Elec'l. Mfg. Co.
Wesix Elec. Heater Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

Heaters, Industrial
General Electric Co.
General Electric Supply Co.
Graybar Electric Co., Inc.
Montgomery Bros.
Rockbestos Prod. Corp.
Smallcomb Elec. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Heaters, Portable
Canadian Armature Works
Cavalier Corp.
General Electric Co.
General Electric Supply Co.
La Salle Lighting Prod. Co.
Lombard Smith
Markel Elec. Prod. Co.
Meier Elec. & Machine Co., Inc.
Montgomery Bros.
Thermador Elec'l Mfg. Co.
Wesix Elec. Heater Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

Heating Element
E. B. Cook Co.
Driver-Harris Co.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electric Co., Inc.
G & W Elec. Specialty Co.
Kirk-Palka Co.
Montgomery Bros.
Western Control Equip. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

Heating Element, Infrared
Graybar Electric Co., Inc.
Montgomery Bros.
No. American Elec. Lamp Co.
Westinghouse Elec. Corp.

Heating Pads
General Electric Co.
General Electric Supply Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

Horns, Electric
Federal Sign & Signal Co.
Graybar Electric Co., Inc.
F. M. Nicholas Co.
Sperti-Faraday

Incandescent Fixtures & Accessories
Allied Industries
Arthur, Robert J.
Bakeman & Associates, C. T.
Benjamin Elec. Mfg. Co.
Benndorff, Wm.
Benz Co., Fred D.
Bran Co., Frank H.
Brundage, J. H.
BullDog Electric Prod. of L.A.
Champion Lamp Works
Chilton, H. R.
E. B. Cook
Crouse-Hinds Co.
Curtis Lighting Co.
Day Brite Lighting
Elchorn & Melchior
The Electric Corp.
General Electric Supply Co.
Globe Lighting Products, Inc.
Gough Industries, Inc.
Graybar Electric Co., Inc.
Holophane Co., Inc.
Jones Metal Prod. Co.
Killark Elec. & Mfg. Co.
Line Material Co., Div. McGraw Elec.
McGuire, W. A.
McMillen & Stanley Sales Corp.
James Mundstock
Neo-Ray Prod., Inc.
F. M. Nicholas Co.
Pacific Industries
Parker Co., A. R.
Pomeroy Co., J. G.
Pope, Forrest E.
Prescolite Mfg. Corp.
Pryne & Co.
Russell & Stoll
Smoot-Holman Co.
Wakefield Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Infrared Equipment
Benndorff, Wm.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electric Co.
Kaufmann, Leo
McMillen & Stanley Sales Corp.
Montgomery Bros.
North American Elec. Lamp Co.
Steber Mfg. Co. of Calif.
Westinghouse Elec. Corp.

Instrument, Measuring and Recording
(See Ammeters, Ohmeters, Voltmeters)

Insulating Materials
American Steel & Wire Co.
Anaconda Wire & Cable Co.
Anderson Co., Kenneth
Arthur, Robert J.
Benz Co., Fred D.
Best, Ken H.
Bran Co., Frank H.
Cook Co., E. B.
Electrical Specialty Co.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electric Co.
G & W Elec. Specialty Co.
Irvington Varnish & Ins. Co.
Johns-Manville Dutch Brand
C. D. LaMoree
Michael Agency, Claude
Minnesota Mining & Mfg. Co.
Natvar Corp.
F. M. Nicholas Co.
Rome Cable Corp.
Safe-T-Seal Laboratories
Sierra Elec. Corp.
Stone Co., Carlos W.
Thompson, L. W.
Tri-State Supply Corp.
Walter E. Wallace Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Insulation
Electrical Specialty Co.
General Electric Co.
Gough Industries, Inc.
Graybar Electric Co.
Irvington Varnish & Insulator Co.
Johns-Manville Dutch Brand
Kerite Co.
C. D. LaMoree
Lapp Insulator Co.
New England Mica Prod.
Rome Cable Corp.
Safe-T-Seal Laboratories
Sierra Elec. Corp.
Stone Co., Carlos W.
Tri-State Supply Corp.
U. S. Rubber Co.
Victor Insulators, Inc.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Insulators, Glass
Arthur, Robert J.
Baxter Co.
Coastal States Elec. & Equip. Co.
Brewer-Titchener Corp.
Condon Co., Earl S.
General Electric Supply Co.
Graybar Electric Co.
Line Material Co., Div. McGraw Elec.
Liner, Joseph
Maydwell & Hartzell, Inc.
Waltham, DeWitt & Krusi
Wood Co., Thomas

Insulator Hardware
(See Fittings, Insulators)

Insulators, Porcelain
Allied Industries
Arthur, Robert J.
Baxter Co.
Coastal States Elec. & Equip. Co.
Ken H. Best

TOP BRANDS

Electrical and Electronic Insulation
BRANDYWINE . . . Vulcanized Hard Fibre Tubing and Rods
CONTINENTAL . . . Phenol Sheet, Rod and Tube—Mica
COTTRELL . . . Electrical Insulating Paper
DOLPHS . . . Insulating Compounds, Varnishes and Sealers
DOW-CORNING . . . Silicone and Silastics
ELECTRO-TECHNICAL . . . Varnished Cambric and Tapes
HOLLINGSWORTH & VOSE . . . Red Rope & Craft Paper
INSULATION MANUFACTURERS . . . Armature Wedges
LENNI . . . Cuffed Electrical Slot Insulation and Cutters
MINNESOTA MINING . . . Scotch Adhesive Tapes
OWENS-CORNING . . . Fiberglas Tape and Cordage
RAYBESTOS . . . Asbestos Tapes, Sleeving & Twine
RESIN INDUSTRIES . . . Vinyl Extruded Tubing & Tapes
RUSSELL . . . Untreated Fiberglas Insulating Tapes
SUFLEX . . . Varnished and Vinylglas Sleeving and Tubing

Electrical-Electronic Wire and Cable
ANACONDA . . . Magnet Wire and Copper Products
BELDEN . . . Lead Wire, Shunt Wire and Cords
CONTINENTAL . . . Asbestos Covered Wire and Cable
AMERICAN . . . Armature Banding Wire

Electric Motor Parts
AEROVOX . . . Capacitors and Selectors
BUNTING . . . Bronze Bearings and Bars
OHIO . . . Carbon Brushes and Other Carbon Products
TOLEDO . . . Commutators and Slip Rings for Motors

Equipment and Tools
ARTOS . . . Automatic Wire Stripping & Measuring Machs.
BEAR . . . Dynamic Balancing Machines
CHAPMAN . . . Armature Winding Machines
COIL WINDING . . . Coil & Transformer Winding Machs.
CROWN . . . Winder Drives, Coil Heads and Balancers
DEE . . . Melting Pots for Solder and Silver
GRIEVE-HENDRY . . . Electric & Gas Fired Baking Ovens
IDEAL . . . Commutator Resurfacers and Shop Tools
POTTER & RAYFIELD . Heavy Winding & Spreading Equip.
WELLER . . . Soldering Guns

3 Complete Warehouse Locations

ALSO MANY OTHER NECESSARY PRODUCTS & ACCESSORIES

TRI-STATE
SUPPLY CORPORATIONS
LOS ANGELES 13 • 544 South San Pedro St. MUtual 2354
SAN FRANCISCO 7 • 554 Bryant Street Exbrook 2-8890
SEATTLE 4 • 318 Occidental Avenue Main 4161

JAMES MUNDSTOCK

320 Market St., San Francisco 11, Calif. Telephone: YUkon 6-3935

Exclusive Representative for
Northern California and Western Nevada

Hub Electric Co., Chicago, Illinois
Lighting Equipment, Stage Switchboards, Dimmers.

Lighting Products, Inc., Highland Park, Illinois
Fluorescent Fixtures, Variform, Thin-Lite.

Monticello Specialties Co., New York City, N. Y.
Fittings and Parts, Screws and Nuts.

Kulka Electric Mfg. Co., Mt. Vernon, N. Y.
Electrical Wiring Devices.

Zenith Electric Co., Chicago, Illinois
Automatic Control Equipment Timers.

Winton Manufacturing Company, Winfield Lighting Division, Chicago, Illinois
Angle Light, Sheraton Beauty-Lite.

H. R. CHILTON
Manufacturers' Representative
Room 437, 257 S. Spring St.
Los Angeles 12, Calif.
Phone MAdison 6-1063

DAYBRITE LIGHTING, INC.
Commercial and Industrial Lighting Equipment

Insulators—Cont'd.
Brewer-Titchener Corp.
Earl S. Condon Co.
Delta Star Elec. Div.
Electrical Specialty Co.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Gray Co., George A.
Graybar Electric Co.
Geo. E. Honn Co.
Hubbard & Co.
Illinois Elec. Porcelain Div. McGraw Elec. Co.
Industrial Eng. & Equip. Co.
Ingalls, C. E.
Kirk-Palks Co.
Kortick Mfg. Co.
Lapp Insulator Co.
Line Material Co., Div. McGraw Elec.
Liner, Joseph
Locke, Dept. of GE Co.
Maydwell & Hartzell, Inc.
Nicholas Co., F. M.
Pomeroy Co., J. G.
Porcelain Insulator Co.
Porcelain Products Co.
T. R. Routh Co.
R. Thomas & Sons Co.
Victor Insulators, Inc.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Intercommunicating Systems
Kenneth M. Anderson Co.
Arthur, Robert J.
Bell Sound Systems, Inc.
Benz Co., Fred D.
Eichorn & Melchior
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electric Co.
Motorola, Inc.
Ohio Carbon Co.
Sperti-Faraday
Webster Elec. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Ironers
Gough Industries, Inc.
General Electric Co.
General Electric Supply Co.
Westinghouse Electric Corp.

Knobs, Porcelain, Plastic
Allied Industries
General Electric Supply Co.
Gough Industries, Inc.
Gray Co., George A.
Graybar Electric Co.
Hubbard & Co.
Illinois Elec. Porcelain Co.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Mitchell Co., C. H.
F. M. Nicholas Co.
Porcelain Products Co.
Sierra Elec. Corp.
R. Thomas & Sons Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Ladders, Hydraulic, Aerial
American Truck Equip. Co.
Arthur, Robert J.
Four Wheel Drive Auto Co.
Hall Co., Fred C.
McCabe Powers Auto Body Co.
Pacific Coast Eng. Co.
Utility Body Co.

Lamp Guards
Crouse-Hinds Co.
Day-Brite Lighting, Inc.
General Electric Supply Co.
Gough Industries, Inc.
George A. Gray Co.
Graybar Elec. Co.
Line Material Co., Div. McGraw Elec.
McGill Mfg. Co.
J. G. Pomeroy Co.
Wallace Co., Walter E.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Lamps, Health & Sun
Benjamin Elec. & Mfg. Co.
Benndorff, Wm.
California Ultraviolet Co.
General Elec Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Kaufman, Leo
McMillen & Stanley Sales Corp.
Miller Co.
North American Elec. Lamp Co.
Sperti-Faraday
Westinghouse Elec. Co.
Westinghouse Elec. Supply Co.

Lamp Holders, Receptacles
Cook Co., E. B.
Curtis Lighting, Inc.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
George A. Gray Co.
Graybar Elec. Co.
Pass & Seymour, Inc.
J. G. Pomeroy Co.
Prussia Co., Robt. R.
Sierra Elec. Corp.
Sylvania Elec. Prod. Co.
Union Insulating Co., Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Lamps, Fluorescent
Benndorff, Wm.
The Electric Corp.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Gratiot & Sons, C. J.
Kaufman, Leo
McMillen & Stanley Sales Corp.
Versen Co., Kurt
Westinghouse Elec. Corp.

Lamps, Incandescent
Aerolux Light Corp.
The Frank H. Bran Co.
Champion Lamp Works
The Electric Corp.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Gratiot & Sons, C. J.
Graybar Elec. Co.
Kaufman, Leo
Liner, Joseph
Line Material Co., Div. McGraw Elec.
McMillen & Stanley Sales Corp.
North American Elec. Lamp Co.
Sylvania Elec. Products, Inc.
Versen Co., Kurt
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Lamps, Mercury Vapor
Benjamin Elec. Mfg. Co.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Kaufman, Leo
Miller Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Lamps, Portable, Clamp
Aerolux Light Corp.
Benndorff, Wm.
Brundage, J. H.
Bussmann Mfg. Co.
Crouse-Hinds Co.
Day Brite Lighting, Inc.
Eichorn & Melchior
General Electric Supply Co.
Kaufman, Leo
Levin, M.
Liner, Joseph
Miller Co.
North American Elec. Lamp Co.
Russell & Stoll
Sylvania Elec. Prod.
Versen Co., Kurt
Wakefield Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Lamp Replacers
Geo. A. Gray Co.
Graybar Elec. Co.
Line Material Co., Div. McGraw Elec.
J. G. Pomeroy Co.
Waltham, De Witt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Lamp, Spot
(See Floodlights)

Lighting Equipment
Aerolux Light Corp.
Allied Industries, Inc.
Appleton Elec Co.
Arthur, Robert J.
Bakeman & Associates, C. T.
Baxter Co.
Benjamin Elec. Mfg. Co.
Benndorff, Wm.
Benz Co., Fred D.
Bran Co., Frank H.
Brundage, J. H.
BullDog Electric Prod. of L.A.
Champion Lamp Works
Chilton, H. R.
Coastal States Elec. & Equip. Co.
E. B. Cook Co.
O. W. Coombs
Crouse-Hinds Co.
Curtis Lighting, Inc.
Day-Brite Lighting, Inc.
Eichorn & Melchior
The Electric Corp.
Federal Sign & Signal Co.
Fluorescent Fixtures of Calif.
General Elec. Co.
General Electric Supply Co.
Globe Lighting Prod., Inc.
Gough Industries, Inc.
Geo. A. Gray Co.
Graybar Elec. Co.
Holophane Co., Inc.
Jones Metal Products Co.
Kaufman, Leo
Killark Elec. Mfg. Co.
Leadlight Fixture Co.
Line Material Co., Div. McGraw Elec.
McMillen & Stanley Sales Corp.
Markel Elec. Prod., Inc.
McGillan Sales
McGuire, William A.
Miller Electric Co.
Miller Co.
James Mundstock
Murphy-Hain Co.
Neo-Ray Products, Inc.
Nicholas Co., F. M.
North American Elec. Lamp Co.
Pacific Industries
Parker Co., A. R.
Pfaff & Kendall
J. G. Pomeroy Co.
Pope, Forrest E.
Prescolite Mfg. Corp.
RLM Standards Institute, Inc.
Russell & Stoll
S & M Lamp Co.
Shirreffs Co., Jim
Smoot-Holman Co.
Square D Co.
Steber Mfg. Co.
Sunbeam Lighting Co
Sylvania Elec. Products Co.
Union Insulating Co.
The Wakefield Brass Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Lighting Equipment, Outdoor
Aerolux Light Corp.
Allied Industries
Appleton Elec. Co.
Bakeman & Associates, C. T.
Baxter Co.
Benjamin Elec. Mfg. Co.
Benndorff, Wm.
Benz Co., Fred D.
Bran Co., Frank H.
E. B. Cook Co.
Crouse-Hinds Co.
Eichorn & Melchior
Federal Sign & Signal Co.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Gray Co., George A.
Graybar Elec. Co.
Holophane Co., Inc.
Hubbard & Co.
The Jones Metal Prod. Co.
Kaufmann, Leo
Line Material Co., Div. McGraw Elec.
Liner, Joseph
McGuire, William A.
James Mundstock
F. M. Nicholas Co.
Pacific Car & Foundry Co.
Parker Co., A. R.
Pfaff & Kendall
Pomeroy Co., J. G.
Pope, Forrest E.
Revere Elec. Mfg. Co.
Russell & Stoll
S & M Lamp Co.
Square D Co.
Smoot-Holman Co.
Sylvania Elec. Products Co.
Union Insulating Co.
Wallace Co., Walter E.
Westinghouse Elec. Corp.

CALIFORNIA *Ultraviolet* COMPANY
420 MARKET ST. SAN FRANCISCO 11, CALIF.
EXbrook 2-7679
Distributors WESTINGHOUSE germicidal Sterilamps, Odorout lamps, fluorescent Sunlamps and fixtures. AQUAFINE water sterilizers, STERI-DRI hand dryers, SANITARYSEAT toilets.

Lighting Glassware
Aerolux Light Corp.
E. B. Cook Co.
General Elec. Co.
General Electric Supply Co.
Line Material Co., Div. McGraw Elec.
Nicholas Co., F. M.
Parker Co., A. R.

Lighting, Underwater
Crouse-Hinds Co.
Eichorn & Melchior
General Electric Co.
General Electric Supply Co.
Russell & Stoll
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Lightning Arresters
(See Arresters)

Line Material
Kenneth M. Anderson Co.
Bethlehem Steel Co.
Brewer-Titchener Co.
Chance Co., A. B.

Four Wheel Drive Auto Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Hubbard & Co.
James R. Kearney Corp.
Kortick Mfg. Co.
Line Material Co. Div. McGraw Elec.
Locke, Dept. GE Co.
Malleable Iron Fittings Co.
Maydwell & Hartzell, Inc.
National Elec. Prod. Co.
Pacific Utilities Supply Co.
Penn-Union Elec. Corp.
Ryals Co., K. M.
Waltham, DeWitt & Krusi
Western Hardware & Tool Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Lineman's Tools
Best, Ken H.
A. B. Chance Co.
Dickson, A. L.
Ford Co., T. A.
Graybar Elec. Co., Inc.
Kearney Corp., James R.
Kortick Mfg. Co.
Mathias Klein & Sons
Maydwell & Hartzell, Inc.
Pacific Utilities Supply Co.
Pomeroy Co., J. G.
Porcelain Products, Inc.
Randolph Co., H. J.
Ryals Co., K. M.
Safety Live Line Tool Co.
Stone Co., Carlos W.
Western Hardware & Tool Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Load Centers
Allis-Chalmers Mfg. Co.
Federal Pacific Electric
General Electric Co.
General Switch Corp.
Moloney Elec. Co.
Murray Mfg. Corp.
Square D Co.
Trumbull, Dept. GE Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Louvers, Lighting
Arthur, Robert J.
Bakeman & Associates, C. T.
Benjamin Elec. Mfg. Co.
Neo-Ray Products, Inc.
Sierra Electric Corp.
Sunbeam Lighting Co.

Lugs
Anderson Co., Kenneth
Arthur, Robert J.
Blackburn Corp., Jasper
The Frank H. Bran Co.
Buchanan Elec. Prod. Corp.
BullDog Elec. Products Co.
Burndy Eng'g Co.
Carder Co., John
Delta Star Elec. Div.
Eichorn & Melchior
The Electric Corp.
Electrical Specialty Co.
General Elec. Co.
Gough Industries, Inc.
Graybar Elec. Co.
Geo. E. Honn Co.
Kirk-Palka Co.
National Elec. Prod. Co.
F. M. Nicholas Co.
O. Z. Electrical Mfg. Co.
Penn-Union Elec. Corp.
Safety Switchboard Co.
H. B. Sherman Mfg. Co.
Shirreffs Co., Jim
Square D Co.
Trumbull, Dept. GE Co.
Waltham, DeWitt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Luminous Ceiling
Arthur, Robert J.
Bakeman & Associates, C. T.
Benjamin Elec. Mfg. Co.
Luminous Ceilings, Inc.
McGuire, W. A.
Nicholas Co., F. M.
Wakefield Co.

Markers
Ken H. Best
Dickson, A. L.
Electrical Specialty Co.
General Elec. Co., Chemical Dept.
Natvar Corp.

Metal Cabinets, Lockers, Frames
George A. Gray Co.
Ernest F. Hauck Co.
Unistrut Products Co.

Meters
C. C. Blecksmith
Carder Jr. Co., John
Duncan Elec. Mfg. Co.
General Elec. Co.
General Electric Supply Co.
Graybar Elec. Co.
Geo. E. Honn Co.
International Register Co.
Maydwell & Hartzell, Inc.
Nott, L. A.
Olympic Instrument Laboratories
Roller-Smith Corp.
T. R. Routh Co.
Sangamo Elec. Co.
Stone Co., Carlos W.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wood Co., Thomas

Meter Sockets, Troughs & Accessories
Blakeman Bros. Elec. Mfg. Co.
Duncan Elec. Co.
General Elec. Co.
General Electric Supply Co.
Meter Devices
Murray Mfg. Co.
Nicholas Co., Fred
Stone Co., Carlos W.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Meter Testing Equipment
Best, Ken H.
Duncan Electric Mfg. Co.
General Electric Co.
General Electric Supply Co.
Graybar Electric Co.
Kearns Co., James L.
Knopp, Inc.
Meter Devices
Nott, L. A.
Routh Co., T. R.
Sangamo Electric Co.
Stone Co., Carlos W.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wood Co., Thomas

Mica
Electrical Specialty Co.
General Elec. Co.
C. D. LaMoree
New England Mica Co.
Tri-State Supply Corp.
Westinghouse Elec. Corp.

Mica, Manufactured Products
Electric Specialty Co.
C. D. La Moree
New England Mica Co.
Sierra Elec. Corp.
Tri-State Supply Corp.

Microwave—and Applications
General Electric Co.
General Electric Supply Co.
Graybar Electric Co. Inc.
Lynch Carrier Systems, Inc.
Motorola Communications & Electronics, Inc.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Motor Brushes
General Electric Co.
Ohio Carbon Co.

LOMBARD SMITH COMPANY
714 W. OLYMPIC BLVD., LA. 15
Factory Representative
BUELL ENGINEERING COMPANY
Cyclones & Elect. Precipitators
DESPATCH OVEN COMPANY
Ovens & Furnaces
THE IDEAL ELECTRIC & MFG. CO.
Motors, Generators & Capacitors
U. S. HOFFMAN MACHINERY CORP.
Industrial Vacuum Cleaners
C. M. KEMP MFG. CO.
Instrument Air Dryers

Motors
Allis-Chalmers Mfg. Co.
Brenner-Fiedler & Associates
Campbell & George Co.
Coastal States Elec. & Equip. Co.
The Electric Corp.
Electrical Specialty Co.
General Elec. Co.
General Electric Supply Co.
Geraty Engineering Specialties
Gough Industries, Inc.
Graybar Elec. Co.
JWR Co.
Nourse Equipment Co.
Routh Co., T. R.
Smallcomb Elec. Co.

J. G. POMEROY COMPANY
1004 E. Fourth St. MA. 5-1105 Los Angeles
Representing
THE AUTH ELECTRIC CO. Signaling, Communication Equipment
McGILL MFG. CO. Lamp Guards, Levolier Switches and Specialties
PASS & SEYMOUR, INC. Schedule Wiring Devices, Alabax Fixtures
WHEELER REFLECTOR CO. Incandescent, Fluorescent Reflectors
MEPHISTO TOOL CO. Hand Forged Electrician Tools
HYKON MFG. CO. Wire Meters and Wire Handling Devices
HENDERSON ELECTRIC CO. Pipe Bending Tools
BLACKHAWK INDUSTRIES. Conduit fittings and accessories

Lombard Smith Co.
Southern States Equip. Corp.
Wagner Elec. Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Williams Co., Allen I.
Young & Co., Robt. A.

Motor Control Equipment
Allen Bradley Co.
Allis-Chalmers Mfg. Co.
The Frank H. Bran Co.
Campbell & George Co.
Clark Controller Co.
E. B. Cook Co.
Crouse-Hinds Co.
H. D. Easterbrook
Eichorn & Melchior
The Electric Corp.
Federal Elec. Products Co.
General Elec. Co.
General Electric Supply Co.
Geraty Engineering Specialties
Gough Industries, Inc.
Graybar Elec. Co.
James Mundstock
T. R. Routh Co.
Russell & Stoll
Smallcomb Elec. Co.
Square D Co.
Trumbull, Dept. GE Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Young & Co., Robt. A.

Motors, Fractional hp.
Allis-Chalmers Mfg. Co.
Brenner-Fiedler & Associates
Coastal States Elec. & Equip. Co.
Electrical Specialty Co.
General Electric Co.
General Electric Supply Co.
Geraty Engineering Specialties
Ryals Co., K. M.
Wagner Elec. Corp.
Westinghouse Elec. Corp.

Motors—Gear
Allis-Chalmers Mfg. Co.
Geraty Engineering Specialties

Motors-Generators
Coastal States Elec. & Equip. Co.
Allis-Chalmers Mfg. Co.
General Electric Co.
Graybar Elec. Co.
Westinghouse Elec. Corp.

Motors—Speed Reducing Gear Motors
Geraty Engineering Specialties

Motor Winding—Repair Equipment
Anderson, Kenneth Co.
Arthur, Robert J.
Buchanan Elec'l Prod. Co.
Electrical Specialty Co.
Kearns Co., James L.
Nicholas Co., F. M.
McGillan Sales Co.
Smallcomb Electric Co.
Stone Co., Carlos W.
Tri-State Supply Co.

Nails & Staples, Nuts, Screws
Allied Industries, Inc.
Appleton Elec. Co.
Copperweld Steel Co.
General Electric Supply Co.
Graybar Elec. Co.
C. E. Ingalls
Kortick Mfg. Co.
Line Material Co., Div McGraw Elec.
James Mundstock
Maydwell & Hartzell, Inc.
Nicholas Co., Fred

Oil, Lubricating
General Electric Supply Co.
Shell Oil Co.
Standard Oil Co.

KEN H. BEST
Electrical
Manufacturers Representative
541 First Ave., South
Seattle 4, Wash. ELiott 6554
THE R. THOMAS & SONS CO.
Insulators & Hardware
THE EASTERN SPECALTY CO.
Meter Jewels & Load Boxes
SURETY RUBBER CO.
Lineman's Rubber Gloves
BODENDIECK TOOL CO.
Hot Line Maintenance Tools
PREMAX PRODUCTS
Pole Numbers & Letters
MEMCO ENGINEERING & MFG. CO.
Switchgear & Bus Fittings
BUCKINGHAM—BROOKS—BUHRKE
Lineman's Tools & Accessories
Work Gloves, Tool Buckets & Bags

Oil, Transformer & Switch
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Line Material Co., Div. McGraw Elec.
Shell Oil Co.
Standard Oil Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Outlets, Hanger
Benjamin Elec. Mfg. Co.
Eichorn & Melchior
General Electric Co.
General Electric Supply Co.
Pass & Seymour, Inc.
Russell & Stoll
Sierra Elec. Corp.
Simplet Electric Co.
Wallace Co., Walter E.

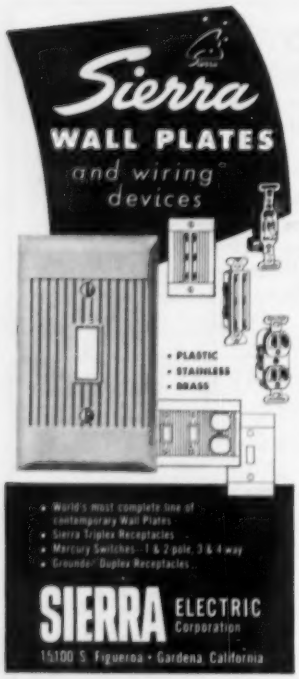
Paint, Heat Resisting
L. B. Allen Co.
Standard Oil Co.
Tri-State Supply Corp.

Paint, Insulating
General Electric Co.
General Electric Supply Co.
Irvington Varnish & Insulator Co.
LaMoree, L. D.
Montgomery Brothers

Paint, Tree
Bartlett Mfg. Co.

Panels, Radiant Heat
(See Radiant Heat)

Panel Boards & Instruments
Allied Industries
Benjamin Elec. Mfg. Co.
BullDog Elec. Products Co.
Crouse-Hinds Co.
Eichorn & Melchior
The Electric Corp.
Federal Pacific Elec. Co.
General Elec. Co.
General Electric Supply Co.
General Switch Corp.
Geraty Eng. Specialties
Gough Industries, Inc.
Graybar Elec. Co.
Johns-Manville
Kirk-Palka Co.
Meyers Safety Switch Co.
Murray Mfg. Co.
T. R. Routh Co.
Russell & Stoll Co., Inc.
Safety Switchboard Co.
Square D Co.
Trumbull, Dept. GE Co.
Western Switchboard Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.



Photoelectric Cells
Eichorn & Melchior
General Electric Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Pins, Wood
General Electric Supply Co.
Geo. E. Honn Co.
Graybar Elec. Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Pipe Threaders
Arthur, Robert J.
Thread-Eay Mfg. Co.

Plants, Low-Voltage Lighting
Sierra Elec. Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Platers
H. D. Easterbrook

Plates, Flush Switch and Outlet
Benz Co., Fred D.
Conduit Pipe Products Co.
Eichorn & Melchior
General Elec. Co.
Pass & Seymour
Sierra Elec. Corp.
Union Insulating Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Plugs, Knockout
Buchanan Elec'l Products Corp.
Nicholas Co., Fred M.

Plugs, Receptacles
Kenneth M. Anderson Co.
Appleton Elec. Co.
Benjamin Elec. Mfg. Co.
Buchanan Elec'l Prod. Corp.
Cannon Elec. Co.
E. B. Cook Co.
Crouse-Hinds Co.
Delta Star Elec. Div.
Economy Fuse & Mfg. Co.
Eichorn & Melchior
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
George Gray Co.
Graybar Elec. Co.
Kirk-Palka Co.
Maydwell & Hartzell, Inc.
National Elec. Products
Nicholas, F. M.
Pass & Seymour, Inc.
J. G. Pomeroy Co.
Pyle-National
Russell & Stoll
Sierra Elec. Corp.
Soapstone Duct Co.
States Co.
John B. Tubergen
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Pole, Jacks
American Truck Equip. Co.
Four Wheel Drive Auto Co.
Hall, Fred C.
Tel-E-Lect Products

Pole Line Hardware
Anderson Co., Kenneth M.
Arthur, Robert J.
Baxter Co.
Ken H. Best
Bethelhem Steel Co.
Brewer-Titchener Corp.
A. B. Chance Co.
Earl S. Condon
Ford Co., Inc. T. A.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electric Co., Inc.
Geo. E. Honn Co.
Hubbard & Company
Industrial Eng. & Equip. Corp.
Ingalls & Sons, C. E.
James R. Kearney Corp.
Kirk-Palka Co.
Kortick Mfg. Co.
Lapp Insulator Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Malleable Iron Fittings Co.
Maydwell & Hartzell, Inc.
Nicholas Co., Fred M.
Pacific Utilities Supply Co.
Penn-Union Elec. Corp.
Porcelain Products, Inc.
Randolph Co., H. J.
Ryals Co., K. M.
Schwager-Wood Corp.
Southern States Equip. Corp.
Stone Co., Carlos W.
The R. Thomas & Sons Co.
Waltham, DeWitt & Krusi
Western Hardware & Tool Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Thomas S. Wood.

Poles
Benz Co., Fred D.
Columbia-Geneva Div. U. S. Steel
Electric Material Co.
General Elec. Co.
General Electric Supply Co.
Graybar Elec. Co., Inc.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Pacific Car & Foundry Co.
Pfaff & Kendall
Pope, Forrest E.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Porcelain
Allied Industries
Ken H. Best
Curry, Michael
Geo. Gray Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Geo. E. Honn Co.
Illinois Elec. Porcelain Div.
Lapp Insulator Co., Inc.
Locke, Dept. GE Co.
Maydell & Hartzell, Inc.
Nicholas Co., F. M.
J. G. Pomeroy Co.
Porcelain Insulator Co.
Porcelain Products, Inc.
Square D Co.
The R. Thomas & Sons Co.
Victor Insulators, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Potheads
Delta Star Electric Div.
Eichorn & Melchior
G & W Electric Specialty
General Electric Co.
Graybar Elec. Co.
C. E. Ingalls
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
OZ Elec'l Mfg. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Preservatives, Wood
Geo. E. Honn Co.
Kamphausen Co., Dan
James R. Kearney Corp.
Maydwell & Hartzell, Inc.
Pole Inspectors & Treaters, Inc.
Standard Oil Co.
Wood, Thomas S.

Price Book Services
Biddle Trade Publishing Co.

Protectors
Economy Fuse & Mfg. Co.
Graybar Elec. Co.

Protectors, Guy Wire
Graybar Elec Co.
Geo. E. Honn Co.
Hubbard & Co.
James R. Kearney Corp.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Harzell, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Public Address Systems
Graybar Elec. Co.

Pullers, Fuse
Buchanan Elec'l Products Co.
General Elec. Co.
General Electric Supply Co.
Kearney Corp., James R.
Maydwell & Harzell, Inc.
Nicholas, F. M.
S & C Elec. Co.
Sherman Mfg. Co., M. B.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Pullers, Slack
Jasper Blackburn Corp.
Greenlee Tool Co.
Graybar Elec. Co.
Honn Co., George E.
Mathias Klein & Sons

Pulverizing Equipment
Combustion Eng.-Superheater, Inc.
Foster-Wheeler Corp.

Pumps, Boiler Feed
Allis-Chalmers Mfg. Co.
Combustion Eng. Superheater, Inc.
Foster-Wheeler Corp.

Pumps
Allis-Chalmers Mfg. Co.
Arthur, Robert J.
Brenner-Fiedler & Associates
Geraty Engineering Specialties
Graybar Electric Co.

Raceway and Fittings
Curtis Lighting Co.
The Electric Corp.
Gough Industries, Inc.
George A. Gray Co.
Graybar Electric Co.
National Elec. Prod. Co.
Safety Switchboard Co.
Square D Co.
Sierra Elec. Corp.
Trumbull, Dept. GE Co.
Western Switchboard Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Racks
Arthur, Robert J.
Delta Star Elec. Div.
G & W Elec. Specialty
Hubbard & Co.
Kirk-Palka
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
Murray Mfg. Corp.
Nat'l Elec. Products
Porcelain Products, Inc.
Smith Co., S. Morgan
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Radiant Heating Panels
Bakeman & Assoc., C. T.
Berko Elec. Mfg. Co.
Benz Co., Fred D.
Condon, Earl S.
Continental Radiant Glass Heating Corp.
Electradiant Corp.
U. S. Rubber Co.

Radio Equipment
Arthur, Robert J.
Cannon Elec. Co.
Eichorn & Melchior
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electric Co.
Maydwell & Hartzell, Inc.
Ohio Carbon Co.
Sierra Elec. Corp.
Standard Electric Sales
Sylvania Elec. Prod.Co.
Taufenbach Co., Les
Westinghouse Electric Corp.

Range Units
General Electric Co.
Graybar Electric Co.
Montgomery Bros.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Ranges
General Electric Co.
Gough Industries, Inc.
Graybar Electric Co.
Hotpoint Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Reactors, Power
General Electric Co.
General Elec. Supply Co.
Hill Transformer Co.
Murray Mfg. Corp.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Reclosers
Benjamin Elec. & Mfg. Co.
Bakeman & Associates, C. T.
Crouse-Hinds Co.
Curtis Lighting Co.
Day-Brite Lighting Co.
General Electric Co.
General Elec. Supply Co.
Geo. A. Gray Co.
Graybar Electric Co.
Holophane Co.
Industrial Eng. & Equip. Corp.
Jones Metal Products Co.
Kearney, Corp., James R.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
F. M. Nicholas Co.
Pacific Elec. Switchgear Div.
R I & E Equip. Div.
Randolph Co., H. J.
S & M Lamp Co.
Smoot-Holman Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Rectifiers—Power
Allis Chalmers Mfg. Co.
Coastal States Elec. & Equip. Co.
Cook Co., E. B.
Eichorn & Melchior
General Electric Co.
Graybar Electric Co.
Ingalls, C. E. & Sons
I-T-E Circuit Breaker Co.
Kearns Co., James L.
Kirk-Palka Co.
Knopp, Inc.
Metcalf & Co., Inc., James I.
Pacific Industries
Pomeroy Co., J. G.
Routh Co., T. R.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.
Williams Co., Allen I.

Reels
American Truck Equipment Co.
Benz Co., Fred D.
Carder Jr. Co., John
Four Wheel Drive Auto Co.
Gough Industries, Inc.
Graybar Electric Co.
Hall, Fred C.
Geo. E. Honn Co.
Ideal Industries, Inc.
Lint Co., Clyde W.
McCabe Powers Auto Body Co.
Olympic Instrument Laboratories
J. G. Pomeroy
Utility Body Co.
Waltham, DeWitt & Krusi
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Reflectors
Appleton Elec. Co.
Bakeman & Associates, C. T.
Benz Co., Fred D.
Bran Co., Frank H.
O. W. Coombs
Crouse-Hinds Co.
Curtis Lighting, Inc.
Day-Brite Lighting, Inc.
The Electric Corp.
Eichorn & Melchior
General Electric Co.
Gough Industries, Inc.

Gray Co., Geo. A.
Graybar Electric Co.
The Jones Metal Prod. Co.
Line Material Co., Div. McGraw Elec.
Nicholas Co., F. M.
Noel Co., Ray J.
Pomeroy Co., J. G.
Russell & Stoll
Smoot-Holman Co.
Sylvania Elec. Prod. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Refractories
Johns-Manville
Kaiser Aluminum & Chemical Sales, Inc.

Refrigerators
General Electric Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Electric Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Regulators, Voltage
Allis-Chalmers Mfg. Co.
Electric Material Co.
General Electric Co.
Graybar Electric Co.
Honn Co., George E.
James R. Kearney Corp.
Kearns Co., James L.
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
Moloney Elec. Co.
Northwestern Agencies
The T. R. Routh Co.
Square D Co.
The States Co.
Wagner Elec. Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Relays
Kenneth M. Anderson Co.
Automatic Elec. Switch Co
Campbell & George Co.
Cole Electric Co.
Earl S. Condon Co.
E. B. Cook Co.
Easterbrook, H. D.
Eichorn & Melchior
The Electric Corp.
Federal Pacific Electric
General Electric Co.
General Elec. Supply Co.
Geraty Engineering Specialties
Gough Industries, Inc.
Graybar Electric Co.
C. E. Ingalls
I-T-E Circuit Breaker Co.
Kearney Co., James R.
Kearns Co., James L.
Line Material Co., Div. McGraw Elec.
Pomeroy Co., J. G.
Routh Co., T. R.
Sierra Elec. Corp.
Sperti-Faraday
Square D Co.
The States Co.
Standard Electric Sales
L. W. Thompson
Western Control Equip. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Williams Co., Allen I.

Resistors
Allen Bradley Co.
Clark Controller Co.
Cook Co., E. B.
H. D. Easterbrook
General Electric Co.
General Elec. Supply Co.
Honn Co., Geo. E.
I-T-E Circuit Breaker Co.
Lyman, Oliver B.
Ohio Carbon Co.
Routh Co., T. R.
Ryals Co., K. M.
Square D Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Williams Co., Allen I.

Rheostats & Resistors
Allen-Bradley Co.
Campbell & George Co.
General Electric Co.
General Elec. Supply Co.
Graybar Electric Co.
Honn Co., Geo. E.
Ohio Carbon Co.
Ryals Co., K. M.
S & C Electric Co.
Square D Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Rings, Cable
A. B. Chance Co.
Copperweld Steel Co.
Everstick Anchor Co.
General Elec. Supply Co.
Graybar Electric Co.
Hubbard & Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
National Tel. Supply Co.
Sierra Elec. Co.

Roasters
General Electric Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Electric Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt, O. B.

Rods, Anchor & Guy
A B. Chance Co.
Copperweld Steel Co.
Gough Industries, Inc.
Graybar Elec. Co.
Hubbard & Co.
James R. Kearney Corp.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Hartzell Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Rubber Products
Best, Ken H.
Earl S. Condon Co
John G. Corrin
Johns-Manville
Line Material Co., Div. McGraw Elec.
United States Rubber Co.
Van Cleef Bros.
Wallace Co., Walter E.
Western Hardware & Tool Co.

Rural Line Hardware
Bethlehem Steel Co.
Jasper Blackburn Prod. Corp.
A. B. Chance Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Hubbard & Co.
James R. Kearney Corp.
Killark Elec. Mfg. Co.
Kortick Mfg. Co.
Lapp Insulator Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
Nat'l Elec. Prod. Corp.
Nicholas Co., F. M.
Pacific Utilities Supply Co.
Porcelain Products, Inc.
Penn-Union Elec. Corp.
Ryals Co., K. M.
H. B. Sherman Mfg. Co.
Western Hardware & Tool Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Screws, Rivets
Bethlehem Steel Co.
Mundstock, James
Kortick Mfg. Co.
Westinghouse Elec. Corp.

Separators, Compressed Air
Geraty Engineering Specialties

Service Organizations
American Tel. & Tel. Co.
Northwest Elec. Light & Power Association
Pacific Coast Elec'l Assn.
Pacific Coast Elec'l Bureau
Pacific Gas & Elec. Co.
RLM Standards Institute, Inc.
So. Calif. Edison Co., Ltd.

Signals
Benjamin Elec. Mfg. Co.
Cannon Elec. Co.
Crouse-Hinds Co.
Federal Sign and Signal Co.
General Elec. Co.
The Electric Corp.
Geraty Engineering Specialties
George A. Gray Co.
Graybar Elec. Co.
Maydwell & Hartzell, Inc.
Nicholas Co., F. M.
Pomeroy Co., J. G.
Prussia Co., Robt. R.
Sierra Elec. Corp.
Sperti-Faraday
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

REVELL, INC.
4223 Ocean Park Ave., Venice, Calif.
Phones: EX 8-5711, TE 0-5561
Plastic Signs — "HIGH VOLTAGE"
Represented by
Maydwell & Hartzell, Inc.
Los Angeles, San Francisco, Portland, Seattle, Phoenix

Signs, Electrical
Bartlett Mfg. Co.
Day-Brite Lighting, Inc.
General Electric Supply Co.
Maydwell & Hartzell, Inc.
Mundstock, James
Pfaff & Kendall
Revell, Inc.
Sperti-Faraday

Sirens
Kenneth M. Anderson Co.
Benjamin Elec. Mfg. Co.
The Electric Corp.
Federal Sign & Signal Co.
General Electric Supply Co.
Gough Industries, Inc.
Geo. A. Gray Co.
Graybar Elec. Co.
Nicholas Co., F. M.
Sperti-Faraday
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Sleeves, Repair
Mend-It-Sleeve Mfg. Co.
Tri-State Supply Corp.

Sockets
Benjamin Elec. Mfg. Co.
Cook Co., E. B.
General Elec. Co.
The Electric Corp.
Line Material Co., Div. McGraw Elec.
McGuire, Wm. A.
Murray Mfg. Co.
Pass & Seymour
Pomeroy Co., J. G.
Pyle National Co.
Sierra Elec. Corp.
Union Insulating Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Solders, All Types & Soldering Equipment
L. B. Allen Co.
O. W. Coombs
General Elec. Co.
Gough Industries, Inc.
Graybar Elec Co.
Michael Agency, Claude
Tri-State Supply Corp.

Spacers, Underground Duct
Allied Industries, Inc.
Arthur, Robert J.
Maydwell & Hartzell, Inc.
Sierra Elec. Corp.
Soapstone Duct Co.
Steel City Elec. Co.

Splices, Line
American Steel & Wire
Condon Co., Earl S.
Pacific Utilities Supply
Preformed Line Products
Ryals Co., K. M.
United States Rubber Co.

Solenoids
Allen-Bradley Co.
Automatic Switch Co.
Brenner-Fiedler & Associates
Burton Equipment Co., Inc.
Cannon Elec. Co.
Eichorn & Melchior
General Electric Co.
General Elec. Supply Co.
Geraty Eng. Specialties
Kearns Co., James L.
Knopp, Inc.
Preston Machinery Co.
Roebling's Sons Co., John A.
Square D Co.
Standard Electric Sales
Western Control Equip Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Starters, Fluorescent Lamp
The Frank Bran Co.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Indiana Steel & Wire Co.
C. E. Ingalls & Sons
James R. Kearney Corp.
Sylvania Elec. Prod. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Starters, Motor, Electric
Allen-Bradley Co.

GLOVES for the ELECTRICAL INDUSTRY

Protect rubber gloves better with WICX IMPORTED GOATSKIN COVERS. Do not tear or peel. Repel water and grease. PATENTED DESIGN.
Seamless thumb and index finger. Curved fingers follow contour of the rubber gloves. Used by many consumers since 1940.
Write for free illustrated catalog of leather gloves and garments for industry.
WICX-Merit Glove Company
Better Gloves for Industry Since 1920
1121 Seventh Street Oakland 20, California

Safety Equipment
Allied Industries
Ken H. Best
Buckingham Mfg. Co., Inc.
A. B. Chance Co.
Dickson, A. L.
Ford Co., Inc., T.A.
General Electric Supply Co.
Graybar Elec. Co.
Geo. E. Honn Co.
Industrial Eng. & Equip. Corp.
Kearns Co., James L.
Mathias Klein & Sons
Safety Live Line Tool Co.
Wallace Co., Walter E.
Western Hardware & Tool Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wicx-Merit Glove Co.

Scaffolds
Benz Co., Fred D.

Sleeves, Wire Splicing
Aluminum Co. of America
Anaconda Wire & Cable
Buchanan Elec'l. Prod. Corp.
John Carder Jr., Co.
Burndy Eng. Co.
Electrical Specialty Co., Inc.
Graybar Elec. Co.
Jas. R. Kearney Corp.
C. D. La Moree
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Mend-It-Sleeve Mfg. Co.
National Tele. Supply Co.
Natvar Corp.
Nicholas Co., F. M.
Penn-Union Elec. Corp.
H. B. Sherman Mfg. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Allis-Chalmers Mfg. Co.
Campbell & George Co.
Easterbrook, H. D.
The Electric Corp.
Federal Pacific Electric
General Electric Supply Co.
Geraty Eng. Specialties
Maydwell & Hartzell, Inc.
Mundstock, James
Randolph Co., H. J.
Ryals Co., Ken
Trumbull Elec., Dept. GE Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Stokers
Combustion Eng. Superheater, Inc.
Foster-Wheeler Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

BULLDOG ELECTRIC PRODUCTS OF LOS ANGELES

Manufacturers of:

Unit-Versal Switchboards, ET Panelboards, Industrial, Commercial, and Residential Service Equipment, Meter Sockets, Special Engineered Products

Representatives for:

BULLDOG ELECTRIC PRODUCTS CO., Detroit

Vacu-Break Safety Switches, Panelboards, Pushmatic Breakers, Electro-Strip, Wire Grips, BUStribution Duct—Plug-in and Lo-X, Trol-E-Duct—Universal, Industrial, and Heavy duty types

2885 East Washington Blvd. — Los Angeles — ANgelus 9-8101

WILLIAM J. GOEBEL

225 W. 23rd St., Los Angeles
Phone: Richmond 7-3545

MARK TIME TIMING DEVICES

Time Switches.
Bell Timers.
Coin operated time switches.
Timers for mechanical applications.

Strand, Guy
Bethlehem Pac. Coast Steel Corp.
Copperweld Steel Co.
Graybar Elec. Co.
Indiana Steel & Wire Co.
Ingalls, C. E., & Sons
Kearney Corp., James R.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Pacific Utilities Supply Co.
Maydwell & Hartzell, Inc.
Roebling's Sons Co., John A.

Straps, Safety—See Belts and Safety Equip.

SAFETY STRAPS

"BUCKINGHAM"
"BUHRKE"
"BASHLIN"
"MILLER"

WESTERN HDWE. & TOOL CO.
122 10th St., San Francisco, Calif.
Write for FREE catalog No. 11

Street Lighting Equipment
Benjamin Elec. Mfg. Co.
General Elec. Co.
The Electric Corp.
General Electric Supply Co.
Graybar Elec. Co., Inc.
Holophane Co., Inc.
Hubbard & Co.
Line Material Co., Div. McGraw Elec.
Metcalf & Co., Inc., James I.
Multi Elec. Mfg. Co.
Pacific Car & Foundry Co.
Pfaff & Kendall
Pope, Forrest E.
Waltham, De Witt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Structural Steel Products
American Steel & Wire Div.
Benz Co., Fred
Columbia-Geneva Div.
Honn Co., Geo. E.
Pacific Coast Eng. Co.

Substations, Outdoor and Indoor
Arthur, Robert J.
Allis-Chalmers Mfg. Co.
Delta Star Electric Div.
The Electric Corp.
General Elec. Co.
Gough Industries, Inc.
Honn Co., Geo. E.
I-T-E Circuit Breaker Co.
James R. Kearney Corp.
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
Moloney Elec.
Pacific Elec. Mfg. Corp.
Randolph Co.
R I & E Equip. Div.
Ryals Co., Ken
S & C Electric Co.
Schwager-Wood Corp.
Sorgel Elec. Co.
Southern States Equip. Co.
Unistrut Products Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Substations, Unit
Allis-Chalmers Mfg. Co.
Campbell & George Co.
Easterbrook, H. D.
The Electric Corp.
General Elec. Co.
Graybar Elec. Co.
Honn. Co., Geo. E.
I-T-E Circuit Breaker
Kuhlman Elec. Co.
Maydwell & Hartzell, Inc.
R I & E Equip. Div.
Sorgel Electric Co.
Southern States Equipment Corp.
Wagner Elec. Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Supports, Bus-Bar
Arthur, Robert J.
Chance Co., A. B.
Burndy Eng'g Co.
Cole Elec. Co.
Delta Star Elec. Div.
Eichorn & Melchoir
Elpeco Div.—Roller-Smith Corp.
General Elec. Co.
Gough Industries, Inc.
Graybar Elec. Co.
Honn, Geo. E.
James R. Kearney Corp.
Kindorf Co.
Kirk-Palka Co.
Lapp Insulator Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
McGillan Sales Co.
Nicholas Co., Fred
O. Z. Elec'l Mfg. Co.
Pacific Electric Switchgear Div.
Pacific Utilities Supply Co.
Penn-Union Elec. Corp.
Porcelain Insulator
Porcelain Products, Inc.
Ryals Co., K. M.
S & C Elec. Co.
Schwager-Wood Corp.
Steel City Elec. Co.
Square D Co.
Trumbull, Dept. GE Co.
Unistrut Products Co.
Victor Insulators, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Supports, Conduit
Appleton Elec. Co.
Benz Co., Fred D.
Crouse-Hinds Co.
Graybar Elec. Co.
Honn Co., Geo. E.
Kindorf Co.
Line Material Co., Div. McGraw Elec.
Murray Mfg. Corp.
Shirreffs Co., Jim
Steel City Elec. Co.
Unistrut Products
Wallace Co., Walter E.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Supports, Crane Rail
Delta Star Elec. Co.
Kirk-Palka Co.
Pacific Coast Eng. Co.

Surface Raceway and Fittings
F. J. Airey Co.
Curtis Lighting Co.
General Elec. Co.
Gough Industries, Inc.
Graybar Elec. Co.
Nat'l Elec. Prod. Corp.
Safety Switchboard Co.
Sierra Elec. Corp.
Square D Co.
Trumbull, Dept. GE Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Switchboards
Allied Industries, Inc.
Allen-Bradley Co.
Allis-Chalmers Mfg. Co.
BullDog Elec. Products Co.
BullDog Elec. Prod. of L.A.
Campbell & George Co.
Coastal States Elec. & Equip. Co.
Cole Electric Co.
Cook, E. B.
Earl S. Condon Co.
The Electric Corp.
Federal Pacific Elec. Co.
General Elec. Co.
General Electric Supply Co.
Geraty Eng. Specialties
Gough Industries Inc.
Graybar Elec. Co.
Electrical Material Co.
I-T-E Circuit Breaker Co.
Kearns Co., James L.
Kirk-Palka Co.
Meyers Safety Switch Co.
James Mundstock
Randolph Co., H. J.
Roller-Smith Corp.
Safety Switchboard Co.
Smith Co., Lombard
Square D Co.
Stone Co., Carlos W.
Trumbull, Dept. GE Co.
Walter E. Wallace Co.
Western Switchboard Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Switches, Appliance
The Electric Corp.
General Elec. Co.
Sierra Elec. Corp.
Wallace Co., Walter E.

Switches, Circuit Breaker Type
Eichorn & Melchior
General Elec. Co.
I-T-E Circuit Breaker Co.
Russell & Stoll
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Switches, Clock Controlled
Cramer Co., R. W.
Eichorn & Melchior
General Electric Co.
Gough Industries, Inc.
Graybar Elec. Co.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
L. A. Nott
Pomeroy Co., J. G.
Reliance Automatic Lighting Co.
Sierra Elec. Corp.
Sangamo Electric Co.
The States Co.
The Tork Clock Co.
Wadsworth Elec. & Mfg. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Switches, Disconnect
Allied Industries
Arthur, Robert J.
Best, Ken H.
A. B. Chance Co.
Coastal States Elec. & Equip Co.
Cole Electric Co.
Earl S. Condon Co.
Crouse-Hinds Co.
Delta Star Elec. Div.
Eichorn & Melchior
The Electric Corp.
Electric Material Co.
Electrical Specialty Co.
Elpeco Div.—Roller-Smith Corp.
Federal Pacific Electric
General Elec. Co.
General Electric Supply Co.
General Switch Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Honn Co., Geo. E.
Industrial Eng. & Equip. Corp.
C. E. Ingalls & Sons
I-T-E Circuit Breaker Co.
KPF Electric Co.
Kearney Corp., James R.
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
Liner, Joseph
Maydwell & Hartzell, Inc.
Montgomery Bros.
Pacific Elec. Switchgear Div.
Pope, Forrest E.
R I & E Equip. Div.
Randolph Co., H. J.
Russell & Stoll
Ryals Co., K. M.
Safety Switchboard Co.
Schwager-Wood Corp.
Southern States Equip. Co.
Square D Co.
Stone Co., Carlos W.
Thompson, L. W.
Trumbull, Dept. GE Co.
H. H. Van Luven
Waltham, deWitt & Krusi
Western Switchboard Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
T. S. Wood
Young Co., Robt. A.

Switches, Fixture
Eichorn & Melchior
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
McGill Mfg. Co.
Pomeroy Co., J. G.
Russell & Stoll
Sierra Elec. Corp.
Sylvania Elec. Prod. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Switches, Float
Allen-Bradley
Campbell & George Co.
Clark Controller Co.
The Electric Corp.
General Elec. Co.
Sperti—Faraday
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Switches, Flush, Toggle, or Tumbler
Allen Bradley
Bran Co., Frank H.
Campbell & George Co.
Eichorn & Melchior
The Electric Corp.
General Elec. Co.
General Electric Supply Co.
Montgomery Bros.
Porcelain Prods., Inc.
Sierra Elec. Corp.
Russell & Stoll
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Switches, Fuse
Arthur, Robert J.
BullDog Electric Mfg. Co.
BullDog Elec. Prod. of L.A.
Coastal States Elec. & Equip. Co.
A. B. Chance Co.
Crouse-Hinds Co.
Delta-Star Elec. Div.
Eichorn & Melchior
The Electric Corp.
Electrical Specialty Co.
Federal Elec. Prod. Co.
General Electric Co.
General Elec. Supply Co.
General Switch Corp.
Gough Industries, Inc.
Graybar Electric Co.
Honn Co., Geo. E.
Industrial Eng. & Equip. Corp.
Kearney Corp., James R.
Kirk-Palka
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Pacific Elec. Switchgear Div.
Pope, Forrest E.
Randolph Co., H. J.
R I & E Equip. Div.
S & C Electric Co.

Safety Switchboard Co., Inc.
Square D Co.
Trumbull, Dept. GE Co.
Western Switchboard Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.
Young Co., Robt. A.

Switches, Heater
General Electric Co.
General Elec. Supply Co.
Graybar Electric Co.
Square D Co.
Sierra Elec. Corp.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Switches, High Tension
Automatic Switch Co.
Arthur, Robert J.
Best, Ken H.
A. B. Chance Co.
Cole Elec. Co.
Condon Co., Earl S.
E. B. Cook Co.
Delta Star Elec. Div.
Electric Material Co.
G. & W. Elec. Specialty Co.
General Electric Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Electric Co.
Honn Co., George E.
Industrial Eng. & Equip. Corp.
Ingalls & Sons, C. E.
KPF Electric Co.
James R. Kearney Corp.
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Nott, L. A.
Pacific Elec. Switchgear Div.
Pope, Forrest E.
Randolph Co., H. J.
R I & E Equip. Div.
Ryals Co., Ken
S & C Elec. Co.
Schwager-Wood Corp.
Southern States Equip. Corp.
Square D Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.
T. S. Wood
Young Co., Robt. A.

Switches, Magnetic
Allen-Bradley Co.
Allis-Chalmers Mfg. Co.
The Frank H. Bran Co.
Campbell & George Co.
Easterbrook, H. D.
The Electric Corp.
Federal Pacific Elec. Co.
General Electric Co.
Geraty Engineering Specialties
Gough Industries, Inc.
Graybar Electric Co.
T. R. Routh Co.
Square D Co.
Trumbull, Dept. GE Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Switches, Meter Test
Federal Pacific Elec. Co.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
General Switch Corp.
Graybar Electric Co.
Meter Devices Co.
L. A. Nott
Square D Co.
States Co., The
Trumbull, Dept. GE Co.
Wadsworth Elec. Mfg. Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Switches—Pressure & Temperature
Allen Bradley Co.
Campbell & George Co.
Easterbrook, H. D.
The Electric Corp.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Lundy, Ralph B.
Montgomery Bros.
R I & E Equip. Div.
Square D Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Switches, Remote Control
Automatic Switch Co.
Campbell & George Co.
Delta Star Elec. Div.
Easterbrook, H. D.
The Electric Corp.
Federal Pacific Electric
General Electric Co.
Geraty Engineering Specialties
Gough Industries, Inc.
Graybar Elec. Co.
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
Mundstock, James
Sierra Elec Corp.
Standard Electric Sales
Square D Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Switches, Rotary
Cole Instrument Co.
Cook, E. B.
General Elec. Co.
Montgomery Bros.
Sierra Elec Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Switches, Safety
Automatic Switch Co.
Allied Industries
The Frank H. Bran Co.
BullDog Elec. Products Co.
Campbell & George Co.
Crouse-Hinds Co.
Delta Star Elec. Div.
The Electric Corp.
Federal Pacific Electric
General Elec. Co.
General Electric Supply Co.
General Switch Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Kirk-Palka Co.
Maydwell & Hartzell, Inc.
Meyers Safety Switch Co., Inc.
Montgomery Bros.
Murray Mfg. Co.
Pyle-National Co.
The T. R. Routh Co.
Safety Switchboard Co.
Square D Co.
Trumbull, Dept. GE Co.
Wadsworth Elec. Mfg. Co.
Western Switchboard Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Suply Co.

Switches, Thermostat Controlled
Automatic Switch Co.
Allen-Bradley Co.
Easterbrook, H. D.
General Elec. Co.
Gough Industries, Inc.
Graybar Elec. Co.
Montgomery Bros.
Murray Mfg. Corp.
Square D Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Switches, Time
Allied Industries
Automatic Switch Co.
Allen-Bradley Co.
Allied Industries
Campbell & George Co.
Cook, E. B.
Easterbrook, H. D.
Eichorn & Melchior
General Elec. Co.
General Electric Supply Co.
Goebel, Wm. J.
Gough Industries, Inc.
Graybar Elec. Co.
Industrial Eng. & Equip. Corp.
International Register Co.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Meter Devices Co.
Montgomery Bros.
James Mundstock
Murray Mfg. Corp.
L. A. Nott
J. G. Pomeroy Co.
Preston Machinery Co.
Reliance Automatic Lighting Co.
Sangamo Elec. Co.
Sierra Elec. Corp.
Standard Electric Sales
The Tork Clock Co., Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Tom S. Wood

Switches, Toggle, Snap, Push-Button
Allied Industries, Inc.
Bran Co., Frank H.
Cook, E. B.
Eichorn & Melchior
The Electric Corp.
General Electric Co.
General Electric Supply Co.
Gray Co., George A.
Hubbell, Inc., Harvey
Industrial Eng. & Equip. Co.
Pass & Seymour, Inc.
Pomeroy Co., J. G.
Porcelain Products, Inc.
Square D Company
Westinghouse Elec. Corp.
Westinghouse Electric Supply Co.

COASTAL STATES ELECTRICAL & EQUIPMENT CO.
Electrical and Mechanical Engineers
Manufacturer's Representatives
112 Market St. PHONE: DOuglas 2-7080 San Francisco 11, Calif.
SALES ENGINEERING SERVICE
Companies Represented: Hertner Electric Company, Cleveland, Ohio; Buffalo Transformer Corporation, Buffalo, New York; Becker Bros. Carbon Company, Cicero, Illinois.
Products: Motors • Generators • Transformers • Switchgear • Diesel Engines • Turbines and Associated Equipment • Battery Charging Equipment

Switchgear
Allis-Chalmers Mfg. Co.
BullDog Elec. Prod. of L.A.
Campbell & George Co.
A. B. Chance Co.
Coastal States Elec. & Equip. Co.
Earl S. Condon Co.
Cook Co., E. B.
Delta Star Elec. Div.
Federal Pacific Electric Co.
General Electric Co.
General Electric Supply Co.
Geraty Engineering Specialties
Gough Industries, Inc.
Graybar Elec. Co.
Honn Co., Geo. E.
Industrial Eng. & Equip. Co.
C. E. Ingalls
I-T-E Circuit Breaker Co.
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
Metcalf & Co. Inc., James I.
Oliver B. Lyman
Pacific Elec. Switchgear Div.
Pope, Forrest E.
Randolph Co., H. J.
Roller-Smith Corp.
Routh Co., T. R.
Ryals Co., K. M.
Safety Switchboard Co.
Schwager-Wood Corp.
Smith Co., Lombard
Walter E. Wallace Co.
Western Switchboard Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Young & Co., Robt. A.

Tape—Fish
American Steel & Wire Div.
Appleton Elec. Co.
Benz Co., Fred D.
Gough Industries, Inc.
Graybar Elec. Co.
Lew Electric Fittings
Lint, Clyde W.
McGillan Sales
Nicholas Co., F. M.
John A. Roebling's Sons Co.
Wallace Co., Walter E.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Tapes, Fibrous Glass
General Electric Supply Co.
Graybar Elec. Co.
Irvington Varish & Insul. Co.
Johns-Manville Dutch Brand
C. D. LaMoree
Sierra Elec. Corp.
Tri-State Supply Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Tapes—Friction, Rubber—Adhesive—Splicing
Appleton Rubber Co.
Benz Co., Fred D.
The Frank Bran Co.
E. B. Cook Co.
Curry Co., The
Electrical Specialty Co.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Johns-Manville
Levin, M.
McMillen-Stanley Sales Corp.
Minnesota Mining & Mfg. Co.
Okonite Company
Tri-State Supply Corp.
U. S. Rubber Co.

ROBERT A. YOUNG & CO.
MFGRS. REPRESENTATIVES
3901 San Fernando Road
Glendale 4, Calif. CH 5-3721
Kerite Cable
Central Transformers
Superior Test Devices
Three E—Switchgear

WESTERN SWITCHBOARD CO.
Switchboards
Panelboards
Electric Sheet Metal Products
474 Bryant St., San Francisco 7, Cal.
Phone: EXbrook 2-5535

Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Tapes, Plastic
Curry Co., The
Electrical Specialty Co.
Gough Industries, Inc.
Irvington Varnish & Ins. Co.
Johns-Manville Dutch Brand
C. D. LaMoree
McMillen-Stanley Sales Corp.
Minnesota Mining & Mfg. Co.
Natvar Corp.
Sierra Elec. Corp.
Tri-State Supply Corp.

Tapes, Varnished or Oiled
Benz Co., Fred D.
Electrical Specialty Co.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Irvington Varnish & Insul. Corp.
C. D. LaMoree
Johns-Manville Dutch Brand
Michael Agency, Claude
Minnesota Mining & Mfg. Co.
Natvar Corp.
Tri-State Supply Corp.
U. S. Rubber Co.
Wallace Co., Walter E.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Telephone & Telegraph Hardware, Wire & Specialties
American Tele & Tele Co.
Bell Telephone System
American Steel & Wire
Arthur, Robert J.
A. B. Chance Co.
Copperweld Steel Co.
Eichorn & Melchior
General Electric Supply Co.
Gough Industries, Inc.
Gray Co., George A.
Graybar Electric Co., Inc.
Hubbard & Co.
Indiana Steel & Wire Co.
James R. Kearney Corp.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.

Telephone & Telegraph Hardware—Cont'd.
Maydwell & Hartzell, Inc.
Metcalf & Co., Inc., James I.
National Tel. Supply Co.
Pacific Utilities Supply Co.
Porcelain Products, Inc.
John A. Roebling's Sons Co.
Ryals Co., K. M.
Sierra Elec. Corp.
U. S. Steel
Western Hardware & Tool Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Telephones
American Tele & Tele Co.
Bell Telephone System
Arthur, Robert J.
E. B. Cook Co.
Crouse-Hinds Co.
Gough Industries, Inc.
Graybar Electric Co.

Terminal Blocks
Buchanan Elec'l Prod. Corp.
General Elec. Co.
Graybar Elec. Co.
Geo. E. Honn Co.
Meter Devices, Inc.
Fred M. Nicholas Co.
Penn-Union Elec. Co.
Ryals Co., K. M.
Sierra Elec. Corp.
States Co., The

Terminals, Cable
Kenneth Anderson Co.
Arthur, Robert J.
The Frank H. Bran Co.
Buchanan Elec. Prod. Corp.
Burndy Eng. Co., Inc.
Carder Co., John
Earl S. Condon Co.
Delta Star Elec. Div.
Eichorn & Melchior
General Cable Corp.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electric Co.
Honn, Geo. E.
C. E. Ingalls
Kirk-Palka
Line Material Co., Div. McGraw Elec.
F. M. Nicholas Co.
O. Z. Electrical Mfg. Co.
Pacific Utilities Supply Co.
Penn-Union Elec. Corp.
Safety Switchboard Co.
H. B. Sherman Mfg. Co.
Sierra Elec. Corp.
States Co., The
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

NOURSE EQUIPMENT COMPANY
1465 4th St., Berkeley 10, Calif.
Phone: LAndscape 5-1805
MOTORS • GENERATORS
"MEGGERS" • TRANSFORMERS
Representing
Empire Corporation, Milwaukee, Wis.—Generating Plants
James G. Biddle Co., Philadelphia, Pa. — "Meggers", Tachometers, Specialized Testing Instruments
Madison Electric Products, Inc. Madison, Ohio—"Chicago" Electric Tachometers

Test Blocks
Federal Pacific Elec. Co.
Honn Co., Geo. E.
Meter Devices Co.
Murray Mfg. Corp.
Nott, L. A.
Prussia Co., Robt. H.
States Co., The

Testing Devices, Hi-Voltage
Burnworth Tester
General Electric Co.
General Electric Supply Co.
Kearns Co., James L.
Knopp, Inc.
Nourse Equip. Co.
Safety Electric Equipment Co.
Waltham, DeWitt & Krusi
Western Hardware & Tool

TERMINAL BLOCKS

BUCHANAN
one-piece blocks

Available in both screw and solderless types in 4, 6, 8, and 12 circuit sizes. For #16 thru #6 wire. Contacts for terminal ended or stripped wires to 50 amps. Separable or hinged covers available.

Sectional
pres-SURE-blocks

Assembled,—or in sections for your assembly. No auxiliary hardware—only one piece per circuit section. 750 volt nominal rating. For #18 thru #4 wire. Contacts for terminal ended wires to 35 amps and stripped wires to 70 amps.

BUCHANAN
ELECTRICAL PRODUCTS CORPORATION
237 U. S. Hwy 22, Hillside, New Jersey
IN CANADA / Gaseccumulator Co. (Canada) Ltd., 12 C Gower St., Toronto 16, Ontario

your industry's BIGGEST TRADE SHOW!

Your industry's biggest trade show isn't a once-a-year event. It comes to you with *every single issue* of this magazine. And, because it is scheduled so frequently, it can bring you a continuing series of up-to-the-minute "displays." In these advertising pages, you will find the latest news about products and services that are specially designed to help you do your job better, quicker, and cheaper. To be well-informed about the latest developments in *your* industry . . . and to stay well-informed . . *read all the ads too.*

McGRAW-HILL PUBLICATIONS

Testing Devices
Best, Ken H.
Burnworth Tester
John G. Corrin
General Electric Co.
Graybar Electric Co.
Honn Co., Geo. E.
James R. Kearney Corp.
Kearns Co., James L.
Meter Devices Co.
L. A. Nott
Nourse Equip. Co.
R I & E Equip. Div.
T. R. Routh Co.
S & C Electric Co.
Square D Co.
States Co., The
Western Hardware & Tool
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.
Wood, Thomas S.

Timers
Campbell & George Co.
Eichorn & Melchior
General Electric Co.
Goebel, Wm. J.
International Register Co.
Mundstock, James
L. A. Nott
Sangamo Elec. Co.
Square D Co.
Tork Clock Co., Inc.
Western Control Equip Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.
Wood Co., Thomas

Tools, Misc.
Arthur, Robert J.
Bartlett Mfg. Co.
Benz Co., Fred D.
Best, Ken H.
Briegel Method Tool Co.
Buchanan Elect'l Prod. Co.
A. B. Chance Co.
Chapman Co., J. M.
Cope, Inc., T. J.
Dickson, A. L.
Fanno Saw Works
Fargo Mfg. Co., Inc.
Ford Co., T. A.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
George A. Gray Co.
Graybar Electric Co.
Greene & Sons, H. R.
Greenlee Tool Co.
Ernest F. Hauck Co.
Honn Co., Geo. E.
Kearns Co., James L.
Kortick Mfg. Co.
James R. Kearney Corp.
Mathias Klein & Sons
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
F. M. Nicholas Co.
J. G. Pomeroy Co.
Randolph Co., H. J.
Ryals Co., K. M.
Safety Live Line Tool Co.
Shirreffs Co., Jim
Smith Co., Seth
Stone Co., Carlos W.
Tri-State Supply Corp.
Western Hardware & Tool Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Torches
Benz Co., Fred D.
General Electric Supply Co.
Mathias Klein & Sons
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Transformers—All Types
Kenneth M. Anderson Co.
Allis-Chalmers Mfg. Co.
Baxter Co.
Benz Co., Fred D.
C. C. Blecksmith
Bran Co., Frank H.
Burton Equipment Co., Inc.
Campbell & George Co.
Coastal States Elec. & Equip. Co.
Cole Instrument Co.
Condon Co., Earl S.
E. B. Cook
John G. Corrin
Duncan Elec. Mfg. Co.
H. D. Easterbrook
Economy Transformer Co. Inc.
The Electric Corp.
Electric Equipment Co.
Gardner Elec. Mfg. Co.
General Electric Co.
General Elec. Supply Co.
Graybar Electric Co.
Hill Transformer Co.
Honn Co., Geo. E.
Jeffries Transformer Co.
Kearns Co., James L.
Killark Elec. Mfg. Co.
Kirk-Palka Co.
Knopp, Inc.
Kuhlman Elec. Co.
Line Material Co., Div. McGraw Elec.
Liner, Joseph
Marcus Transformer Co.
Maydwell & Hartzell, Inc.
McMillen & Stanley Sales Corp.
Metcalf & Co. Inc., James I.
Moloney Electric Co.
Nicholas Co., Fred
Nott, L. A.
Nourse Equipment Co.
Oliver B. Lyman
Pacific Industries
Pacific Oerlikon Co.
Pennsylvania Transformer Co.
Pomeroy Co., J. G.
Sangamo Elec. Co.
Sierra Elec. Corp.
Sorgel Elec. Co.
Sperti-Faraday
Standard Electric Sales
Wagner Elec. Corp.
Webster Elec. Co.
Western Transformer Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.
Williams Co., Allen I.
Wood Co., Thomas
Young Co., Robt. A.

Transmission Towers Steel
American Steel & Wire
Columbia-Geneva Div.
U. S. Steel Corp.
Bethlehem Steel Co.
Maydwell & Hartzell, Inc.
Pacific Car & Foundry
Pfaff & Kendall

Trash Rakes
Smith, S. Morgan

Tree, Trimming, Equipment
Bartlett Mfg. Co.
Dickson, A. L.
Fanno Saw Works
Ford Co., Inc., T. A.
General Electric Supply Co.
Graybar Electric Co.
Geo. E. Honn Co.
Western Hdwe & Tool Co.

Trolley Systems
Allied Industries, Inc.
Campbell & George
Eichorn & Melchior
Ryals Co., Ken
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Troughs, Metal
Arthur, Robert J.
Cope, Inc., T. J.
Honn Co., George E.
Johns-Manville
Randolph Co., H. J.

Trucks, Trailers and Equipment
Allis-Chalmers—Buda Div.
American Truck Equip. Co.
Four Wheel Drive Auto Co.
Graybar Elec. Co.
Hall, Fred C.
McCabe Powers Auto Body Co.
Tel-E-Lect Products, Inc.
Utility Body Co.

Tubes, Boiler
Combustion Eng. Superheater, Inc.
Foster-Wheeler Corp.

Tubes-Electronic
Champion Lamp Works
General Elec. Electronics Dept.
Graybar Elec. Co.
Sperti, Inc.
Sylvania Elec. Prod., Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Tubes, Mercury Contact
Anderson Co., Kenneth
Buchanan Elec'l Products Co.
General Elec. Co.
General Electric Supply Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Tubes, Rectifier
Allis-Chalmers Mfg. Co.
Eichorn & Melchior
Federal Tel. & Radio Corp.
General Elec. Co.
General Electric Supply Co.
Maydwell & Hartzell
Sylvania Elec. Prod.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

SORGEL AIR-COOLED Dry-Type TRANSFORMERS

for every purpose

1/4 Kva to 2500 single phase.
1 Kva to 3000 Kva 3-phase.

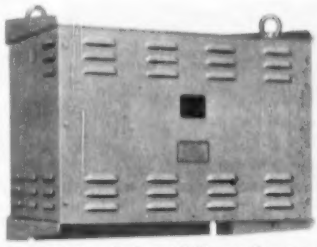
1/4 Kva single phase 480/240 to 240/120 volts

To operate 120 volt lighting and portable equipment from 240, 480, or 600 volt power circuits.

To operate special equipment on standard circuits.

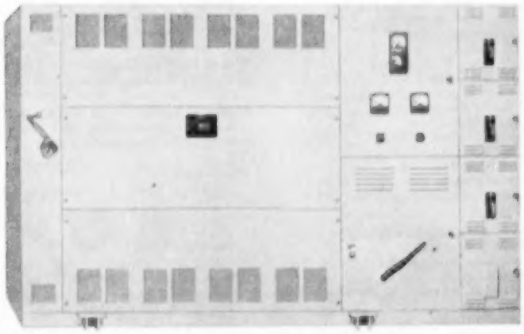
To change odd voltages to standard voltages, and phase changing.

For high voltage interior distribution systems, such as 2400, 4160, 4800, 7200, 13,200, and up to 15,000 volts.



20 to 50 Kva 3-phase Wall mounting type.

Also Special Transformers and Saturable Reactors

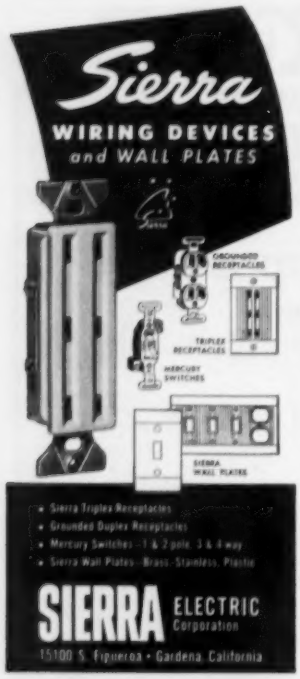


Substations for interior high voltage distribution systems. Substations can be equipped with either dry-type or Askarel-cooled transformers, and any make or type of switchgear. SORGEL transformers are also procurable from any other substation manufacturer. 100 to 3000 Kva, and up to 15,000 volts.

Western Representatives

Arizona: James A. Setchell Co., 2115 So. 15th Ave., P. O. Box 4216, Phoenix.
California: H. D. Easterbrook, 1264 So. Boyle Ave., Los Angeles 23.
California: James A. Setchell Co., 301 West "G" St., San Diego 1.
California: Campbell & George Co., 1601 Cortland Ave., San Francisco 10.
Colorado: Floyd H. Boyer, P. O. Box 1751, Denver 1.
Oregon: Fred W. Carlson & Associates, 935 Northwest 12th Ave., Room 133, Portland.
Texas: Glidden Engineering & Equipment Co., 6115 Denton Drive, Dallas.
Texas: Glidden Engineering & Equipment Co., 3802 Winchester St., Houston.
Washington: Fred W. Carlson, 1201 Dexter Ave., Seattle 9.

Sorgel Electric Co. 833 W. National Ave. Milwaukee 4, Wis.



Tubing, Elec'l Metallic
Aluminum Co. of America
Bran Co., Frank H.
Clifton Conduit Co., Inc.
Columbia Cable & Elec. Corp.
Electric Agencies, Inc.
Electric Corp.
Electrical Specialty Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Murphy-Hain Co.
Nat'l Elec. Prod. Corp.
J. G. Pomeroy Co.
Prussia Co., Robert R.
Republic Steel Corp.
Rome Cable Corp.
Spang-Chalfant Div. Nat'l. Supply Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Youngstown Steel & Tube Co.

Tubing, Flexible Insulating
Allied Industries
Electrical Specialty Co.
General Elec. Co.
Irvington Varnish & Insulator Co.
Johns-Manville
C. D. LaMoree
Murphy-Hain Co.
Nat'l Elec. Prod. Corp.
Natvar Corp.
Tri-State Supply Corp.

Turbines
Allis-Chalmers Mfg. Co.
Coastal States Elec. & Equip. Co.
E. B. Cook
General Electric Co.
General Elec. Supply Co.
Metcalf & Co. Inc., James I.
Pyle-National Co.
Smith, S. Morgan
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Ultraviolet Lamps & Fixtures
California Ultraviolet Co.
General Electric Co.
General Electric Supply Co.
Sylvania Electric Products, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Units, Range Heater
General Elec. Co.
General Electric Supply Co.
Graybar Elec. Co.
Montgomery Bros.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Vacuum Cleaners—See Appliances

Valves
Automatic Switch Co.
Brenner-Fiedler & Associates
Lundy, Ralph B.
Oliver B. Lyman
Standard Electric Sales
Pacific Coast Eng. Co.
Western Control Equip Co.
Smith Co., S. Morgan

Varnishes, Insulation
Electrical Specialty Co.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Irvington Varnish & Insulator Co.
C. D. LaMoree
Tri-State Supply Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Ventilators
(See Fans)

Wall Plates
Conduit Pipe Products Co.
McMillen & Stanley Sales Corp.
Pass & Seymour
Pomeroy Co., J. G.
Prussia Co., Robt. R.
Sierra Elec. Corp.
Wallace Co., Walter E.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Washers, Clothes
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Gratiot & Sons, E. J.
Graybar Electric Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.
Wilt, O. B.

Wattmeters
C. C. Blecksmith
Duncan Elec. Mfg. Co.
General Electric Co.
Graybar Electric Co.
L. A. Nott
The T. R. Routh Co.
Sangamo Elec. Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Water Cooling Towers
Foster-Wheeler Corp.

Water Wheels
Allis-Chalmers Mfg. Co.
Smith, S. Morgan

Weed Killer
du Pont, E. I., de Nemours & Co., Inc.
Kamphausen, Dan
Shell Oil Co.
Standard Oil of Calif.

Welding Controls & Totalizers
General Electric Co.
The T. R. Routh Co.
Square D Co.

Welding Equip. & Accessories, Etc.
Allis-Chalmers Mfg. Co.
Cook Co., E. B.
Eichorn & Melchior
Erico Products, Inc.
General Electric Co.
General Electric Supply Co.
Graybar Electric Co.
Hill Transformer Co.
Industrial Eng. & Equip. Corp.
Lundy, Ralph B.
McMillen & Stanley Sales Corp.
National Carbon Co., Inc.
Pacific Utilities Supply Co.
The T. R. Routh Co.
Russell & Stoll
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Winches
American Truck Equip. Co.
Four Wheel Drive Auto Co.
Hall, Fred C.
Highway Trailer Co.
McCabe Powers Auto Body Co.
Tel-E-Lect Products, Inc.
Utility Body Co.

Wire
Allied Industries
American Steel & Wire Div.
Anaconda Wire & Cable Co.

THE CURRY COMPANY
736 — 18th Avenue • San Francisco 21 • SKyline 1-4737
BRONCO 66, & RANCHO, Power, Tel. Wire & Type RR, Cords & Cables.
BRONCOBESTON, AF—AVA—AIA—AVB—Asbestos Range Wire
ACCURATE, Friction—Rubber & Plastic Tapes—ASTM— Specs.
LICO, Switch & Outlet Boxes
ADALET, "Pegi" Fibreglass Insulatings, Bushings—"Sali" Precision Machined Insulating Bushings, Vaporite & Explosion-Proof Fixtures and Fittings, Weatherproof Junction Boxes, Service Entrance Heads, F-S Boxes & Covers, Gang Boxes, Self-Aligning Covers
PECO, Erickson Couplings, Chase Nipples, Reducing Bushings, Ground Fittings, Locknuts, EMT Connectors & Couplings (Set-Screw & Compression Types), N. M. Sheathed Connectors, Metal Conduit Bushings, Sill Plates & One-Hole Straps
CHESTER CABLE CORP., Building Wire, Flexible Conduit, Armored Cable, Machine Tool Wire, UF, Weatherproof, Intercommunication Wire, Pot Cord, Office & Bell Wire & Electronic Wires of all types, Plastic Fixture, Hook-up Wire, Microphone Cable.
WAREHOUSE
516 Townsend Street San Francisco, Calif.

Baxter Co.
Benz Co., Fred D.
Bran Co., Frank H.
John Carder, Jr., Co.
Coastal States Elec. & Equip. Co.
Columbia Cable & Elec. Co.
Columbia-Geneva Div. U. S. Steel Corp.
Collyer Insulated Wire Co.
Earl S. Condon Co.
Copperweld Steel Co.
Cornish Wire Co., Inc.
Curry Co., The
Driver-Harris Co.
Eichorn & Melchior
The Electric Corp.
Electrical Specialty Co.
Essex Wire Corp.
Ettco Wire & Cable Corp.
Fincke Co., John M.
General Cable Co.
General Electric Co.
General Electric Supply Co.
Graybar Electric Co.
Indiana Steel & Wire Co.
C. E. Ingalls
Kaiser Aluminum & Chem. Corp.
Kerite Co., The
Line Material Co., Div. McGraw Elec.
Joseph Liner

JOSEPH LINER
338 East 2nd Street, L. A. 12
Phone MUtual 3195
Factory Representative For
***Rodale Mfg. Co., Inc.**
"Flip Seal," "Turn-Tyte" and Standard Wiring Devices
***Chester Cable Corp.**
BX—Flex—UF Cables—TW., etc.
Sunwarm, Inc.
Radiant Heating Cables
Thermostats—Air Conditioners
***Denotes stocks carried locally**

Maydwell & Hartzell, Inc.
McMillen & Stanley Sales Corp.
Miller Electric Co.
Montgomery Bros.
Murphy-Hain Co.
National Elec. Products Corp.
Nicholas, F. M.
Okonite Company, The
Pacific Utilities Supply Co.
Paranite Wire & Cable Co.
Phelps-Dodge Copper Prod. Corp.
J. G. Pomeroy Co.
Reynolds Metals Co.
Rhode Island Ins. Wire Co.
Rockbestos Products Corp.
John A. Roebling's Sons Co.
Rome Cable Corp.
Ryals Co., K. M.
Shirreffs Co., Jim
Simplex Wire & Cable Co.
Stone Co., Carlos W.
Triangle Conduit & Cable Co., Inc.
Tri-State Supply Corp.
United States Rubber Co.
United States Steel Corp.
Western Insulated Wire Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.
Young & Co., Robt. A.

Wire, Bare Resistance
Driver-Harris Co.
Electrical Specialty Co.
Graybar Electric Co.
Murphy-Hain Co.
Rome Cable Corp.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Wire Grips
Graybar Electric Co.
Mathias Klein & Sons
Pacific Utilities Supply Co.
Ryals Co., K. M.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

Wiring Devices & Supplies
Allied Industries, Inc.
Arthur, Robert J.
Baxter Co.
Benjamin Elec. Mfg. Co.
Benndorff, Wm.
Benz Co., Fred D.
Jasper Blackburn Corp.
The Frank H. Bran Co.
Buchanan Elec. Prod. Co.
BullDog Elec. Prod. Co.
Carder Jr. Co., John
J. M. Chapman Co.
Coastal States Elec. & Equip. Co.
Collyer Insulated Wire Co.
Cook Co., E. B.
Earl S. Condon Co.
Cornish Wire Co., Inc.
Crouse-Hinds Co.
Eichorn & Melchior
The Electric Corp.
Electrical Specialty Co., Inc.
Essex Wire Corp.
Fincke Co., John M.
General Electric Co.
General Electric Supply Co.
General Switch Corp.
Gough Industries, Inc.
C. J. Gratiot & Sons
Geo. A. Gray Co.
Graybar Electric Co.
Honn Co., Geo. E.
Hubbard & Co.
Indiana Steel & Wire Co.
Johns-Manville
Kerite Co., The
Kortick Mfg. Co.
Levin, M.
Line Material Co., Div. McGraw Elec.
Joseph Liner
McMillen & Stanley Sales Corp.
James Mundstock
National Electric Products
National Tel. Supply Co.
Nicholas Co., F. M.
Olympic Instrument Laboratories
Pacific Utilities Supply
Paranite Wire & Cable Co.
Pass & Seymour
Phelps-Dodge Copper Prod. Corp.
Paules, E. G.
Penn-Union Elec. Corp.
J. G. Pomeroy Co.
Porcelain Products, Inc.
Reliable Electric Co.
H. B. Sherman Mfg. Co.
Ryals, K. M.
Sierra Elec. Corp.
Slater Elec. & Mfg. Co.
Standard Electric Sales
Stone Co., Carlos W.
Square D Co.
Sylvania Elec. Prod. Co.
Union Insulating Co., Inc.
U. S. Rubber Co.
Wallace Co., Walter E.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

DIRECTORY of REPRESENTATIVES

A listing by states and cities of manufacturers' Western representatives handling electrical lines. **PAGES 81-85.**

DIRECTORY OF MANUFACTURERS—Alphabetical listing of manufacturers of electrical equipment, showing their principal Western offices and sales representatives. **PAGES 1-63.**

WHERE-TO-BUY IN THE WEST—Alphabetical listing of various electrical products, showing Western sources. **PAGES 64-80.**

DIRECTORY OF APPLIANCE SERVICE AND REPAIR PARTS—A listing of electrical appliance manufacturers' Western service stations and parts depots. **PAGES 86-104.**

CALIFORNIA

Alameda

STONE CO., W., 2315 Lincoln Avenue.

Altadena

JONES & ASSOCIATES, EVERETT W., 800 Florecita Terrace

SCHOENBAUM, E. T., 2378 Highland Ave.

Arcadia

ROY PECK, 103 North Santa Anita Ave.

Belmont

MILLER, GERALD B., 1334 Old County Road.

WAGNER, M. A., 1075 Broadway

Berkeley

GERATY ENGINEERING SPECIALTIES, 380 Colusa Ave. (See Adv. Back Cover.)

LaMOREE, C. D., 2221 Fourth St. (See Adv. page 33.)

NOURSE EQUIPMENT CO., 1465 4th St. (See Adv. page 78.)

PACIFIC CONTROL PRODUCTS, 920 Grayson St.

SCOTT & ASSOCIATES, R. W., 2345 Fourth St.

Burbank

ELECNAIR CO., 3903 Rowland Ave.

LEE, J. MAX, 3607-J W. Magnolia Blvd.

Burlingame

POPE, Forrest E. (See Adv. p. 65.)

Covina

BLECKSMITH, C. C., Box 54

Downey

KAY, J. H., 10531 S. Julius Ave.

El Monte

WOOD CO., ASH, 1038 E. Garvey Blvd.

GARDENA WESTERN ELECTRONIC ENTERPRISES, P.O. Box 1116.

Gardena

WESTERN ELECTRONICS ENTERPRISES, P.O. Box 1116.

Glendale

MICHAEL AGENCY, CLAUDE, 703 W. Ivy St.

RENZ, ROY E., 207 S. Orange

WOOLSEY, C. L., 1320 Opechee Way.

YOUNG & CO., ROBT. A., 3901 San Fernando Road. (See Adv. page 77.)

Hollywood

FERDA, RUDY, 950 No. Highland Ave.

KEESE ENGINEERING CO., 7354 Santa Monica Blvd.

MILLER CO., GERALD B., 1540 N. Highland Ave.

NEELEY ENTERPRISES, NORMAN B., 7422 Melrose Ave.

ROBERTS & ASSOCIATES, E. V., 6516 Selma Ave.

VAN GROOS, J. C., 1436 North Serrano

Huntington Park

PRESTON MACHINERY CO., 6703 Santa Fe.

Los Angeles

AGENCIES COMPANY, 836 Traction Ave.

AIREY CO., INC., F. J., 1513 Mateo St.

ALDERMAN, O. A., 1004 E. 4th.

ALLIED INDUSTRIES, 412 Seaton St. (See Adv. page 52.)

ANDERSON COMPANY, KENNETH, 412 Seaton St.

ANGUS-CAMPBELL, INC., 4417 S. Soto St.

ARLIN, A. W., 1812 W. Silver Lake Dr.

ARTER CO., LEE, 5272 Sanchez Dr.

ASSOCIATED WHOLESALE ELEC. CO., 1111 Santee St.

AUDIO MARKETING SERVICES, 860 N. Vine St.

BAKER SMITH CO., 656 So. Los Angeles St.

BARBERA & COMPANY, A. A., 311 No. Martel Ave.

BARRON-JUE CO., 817 S. Hoover

BARRY, J. WARREN, 923 E. 3rd St.

BARSTOW & DORAN, 1406 So. Grand Ave.

BASFORD, H. R., 2310 Leonis Blvd.

BAUGHMAN CO., E. J., 1914 No. Cogswell Rd.

BECKER, HERB, 1140 Crenshaw Blvd.

BENDOLIGHT CORP., 339 E. 2nd St.

BERKELEY ENGINEERING & EQUIPMENT CO., 2417 Riverside Drive.

BERMAN CO., JACK, 1141 S. La Cienega Blvd.

BILLARD, INC., W. T., 734 E. 3rd.

BLACK, JR., LOUIS D., 4806 Santa Monica Blvd.

BLACK & LEM, 4806 Santa Monica Blvd.

BOOTH COMPANY, ARTHUR E., 265 S. Alexandria Ave.

BOREHAM, R. S., 1206 So. Maple

BRAN CO., FRANK H., 607 E. 6th St. (See Adv. page 1.)

BRENNER - FIEDLER & ASSOCIATES, 661 N. Spaulding. (See Adv. page 6.)

BROWN CO., J. J. 129 West Second St.

BUCKLEY, WM., 1161 E. Florence Ave.

BULLDOG ELECTRIC PROD. OF L.A., 2885 E. Washington Blvd. (See Adv. page 76.)

BURKLYN CO., 3429 Glendale Blvd.

BURROUGHS SALES CO., 969 So. Serrano Ave.

BUSHNELL CONTROLS & EQUIP. CO., 3929 W. Jefferson Blvd.

CANFIELD CO., M. E., 420 E. 3rd St.

CAYGILL CO., 409 E. 2nd.

CHEMNITZ CO., ERIC F., 668 S. Coronado.

CHILTON, H. R., 257 S. Spring St. (See Adv. page 72.)

CHURCHILL BURGESS CO., 3458 Glendale Blvd.

CLARK & SAWYER, INC., 2012 E. 7th St.

CLAPP COMPANY, R. B., 314 Omar Ave.

CLOTHIER, INC., VAN D., 1025 E. 16th St.

COCHRANE BROTHERS, 1148 So. Grand.

COHN & SHANE, 1323 Venice Blvd.

COLESWORTHY, J. B., 1709 W. 8th.

CONDON, EARL S., 3460 Wilshire Blvd. (See Adv. page 44.)

COOMBS SALES COMPANY, O. W., 1026 So. Olive St.

CORMAN, WALTER W., 7432 W. 80th St.

CORRIN, JOHN G., 510 W. 6th.

CRESCENT SALES, 440 Seaton St.

CUNNINGHAM & SON, R. E., 530 W. 6th St.

DARDEN, WM. E., 1406 S. Grand Ave.

DE RAMUS, BARNEY, 125 South Santa Fe.

DREYER CO., B. W., 714 W. Olympic Blvd.

EASTERBROOK, H. D., 1264 S. Boyle. (See Adv. page 3.)

EASTMAN PACIFIC CO., 2320 E. 8th St.

EDWARDS & CO., JACKSON, 6047 Hollywood Blvd.

ECKERT-LLOYD CORP., 2115 So. San Pedro St.

ELECTRIC CORP., THE, 200 S. Mission. (See Adv. page 68.)

ELECTRIC MACHINERY MFG. CO., 335 E. Florence Ave.

ELECTRIC SALES CO., 1612 Maple Ave.

ELECTRICAL DISTRIBUTORS, INC., 1314 Glendale Blvd.

ELEC'L SPECIALTY CO., 2820 E. 12th St. (See Adv. inside back cover.)

ELECTRONIC PROD. SALES CO., 4163 Beverly Blvd.

EMMET CO., FRANK A., 2836 W. Pico Blvd.

ENGINEERING SALES COMPANY, 406 S. Main.

ENGLISH & LAUER, INC., 1978 So. Los Angeles St.

ESTES CLAY, c/o Alexandria Hotel

FELDMAN CO., HENRY, 400 W. Pico Blvd.

FEY & KRAUSE, INC., 1635 So. Figueroa St.

FINCKE CO., JOHN M., 1848 N. Main.

FISKE COMPANY, INC., L. G., 712 So Olive St.

FLATAN, S., 409 E. 3rd St.

FOWLER, W. M., 2208 Sunset Blvd.

FRISBIE COMPANY, H. C., 1120

GARLAND-AFFOLTER ENG. CORP., 417 So. Hill

GARNETT YOUNG & CO., 319 E. Washington Blvd.

GENERAL ELEC. SUPPLY CO., 700 Turner St. (See Adv. page 9.)

GIBBS, R. STUART, 1357 Wilshire Blvd.

GLENMART CO., INC., 6440 E. Corvette St.

GOEBEL, W. J., 1406 S. Grand Ave. (See Adv. page 76.)

GOUGH INDUSTRIES, INC., 819 East First.

GRAHAM REYNOLDS ELECTRIC CO., 1325 Rio Vista Ave.

GRAINGER, W. W., 311 So. San Pedro

GRATIOT, ROY, 525 Crocker St.

GRAYBAR ELEC. CO., INC., 210 Anderson.

HALDEMAN, INC., HARRY F., 2401 So. Hill St.

HARGROVE - GREEN CO., 2719 Broadway

HARFORD CO., FRANK C., 1206 S. Maple.

HENGER-SELTZER CO., 120 So. Hewitt.

HITT CO., W. C., 1169 So. Broadway.

HOLMES, CARL E., 106 No. Ave. 64.

HOLZMUELLER, C. J., 2533 S. Hill

HOPPE & COMPANY, W. A., 3305 E. Slauson Ave.

HORN CO., WM. P., 2806 W. 7th St.

HORN, INC., HERBERT H., 915 Mateo

HOYT, GAYLORD, 154½ So. Manhattan Place.

HOWZE & COMPANY, 5603 N. Figueroa.

HUGHES, E. N., 1709 W. 8th St.

HUGHEY & PHILLIPS, 3300 N. San Fernando Blvd.

HUNDLEY CO., P. O. Box 65916—Glassel Sta.

HUSEBY, M. F., 2501 Yates Ave.

HYATT CO., JOHN, 1709 W. 8th St.

INDUSTRIAL ENGINEERING & EQUIP., 417 S. Hill. (See Adv. page 38.)

JACKSON EDWARDS CO., 6047 Hollywood Blvd.

JENSON INSTR. CO., 1919 Beverly Blvd.

JOAX, H. F., 1233 So. Genesee Ave.

JORDAN, E. J., 117 No. Robertson Blvd.

JOSLYN PACIFIC COMPANY, 5100 District Blvd.

KADIN, SEYMOUR H., 950 So. Flower St.

KEEBLER & PARRISH INC., 1341 So. Hope St.

KEELER, WHITE CO., 436 Colyton St.

KIERULFF, & CO., 820 W. Olympic Blvd.

KILIAN, J. O., 2311 Midvale Ave.

KING & CO., IRVING G., 821 Mateo St.

KING, W. C., 2200 East 27th.

KIRBY, WALTER W., P. O. Box 124 Vernon Branch

KIRK-PALKA COMPANY, 415 Wall St. (See Adv. page 56.)

KITTLESON CO., 416 N. La Brea Ave.

KLINGER, M. H., 158 W Pico Blvd.

KNAPP CO., JAMES H., 839 E. 4th St.

KNIGHT COMPANY, W. BERT, 10373 West Pico Blvd.

LaMOREE, C. D., 1325 San Julian. (See Adv. page 33.)

LANE, DAVE T., 817 So. San Pedro.

LASURE COMPANY, HARRY A., 9041 W. Pico Blvd.

LELAND, PAUL E., 2050 W. Florence Ave.

LEVIN, MAX, 166 No. La Brea

LIGHTREND CO., 9011 Beverly Blvd.

LINDEMANN, A. L., 137 No. Citrus Ave.

LINDSEY, HARRY N., 1516 W. 81st St.

LINER, JOSEPH, 338 E. 2nd St. (See Adv. page 80.)

LIPPINCOTT CO., 1052 W. 6th.

LIPSSHIELD, E. COOPER, 158 W. Pico Blvd.

LITTLEJOHN CO., Fred G., 4511 Melrose Ave.

LITTRELL - RICHARDSON CO., 3121 E. 12th.

LYNN & BROOKS, 3055 Wilshire Blvd.

MADDOX SALES CO., 914 E. 3d St.

MANUFACTURERS MARKETING SERVICE, 1490 Calzona

MARCUS, MARK, 3651 Kalsman Dr.

MARSHANK SALES CO., 7422 Melrose.

MARSH COMPANY, J. W., 4216 W. Jefferson

MARWOOD, LTD., 320 E. Third St.

MATZINGER CO., JOHN R., 503 E. Third St.

MAYDWELL & HARTZELL, INC., 427 W. 5th St. (See Adv. p. 37.)

McCUNE-MERIFIELD, 1331 Los Angeles St.

McGUIRE, WILLIAM A., 164 S. Central Ave.

McLOUGHLIN CO., 811 E. 14th Pl.

MARSHANK SALES, 672 So. La-Fayette Park Pl.

METCALF & CO., INC., JAMES I., 808 Occidental Life Bldg. (See Adv. page 85.)

MEUSDORFFER, REYNOLD, 1315 E. 7th.

MICHEL BROS., 1015 E. 16th St.

MITCHELL CO., C. H. 769 Venice Blvd.

MODERN HOUSEHOLD SALES, INC., 336 No. San Pedro St.

MONSON ELEC. CO., 2532 So. Hill St.

MONTGOMERY BROS., 2113 South San Pedro. (See Adv. page 70.)

MORGAN, MAC, 441 East 3rd St.

MURPHY-HAIN CO., 2133 Bay St.

MYERS ELEC. PROD., INC., 2365 E. 57th St.

NEARY, LEONARD J., 729 So. Normandie

NEELY ENTERPRISES, 7422 Melrose Ave.

NOEL & ASSOCIATES, RAY J., 4315 S. Western Ave.

OWENS CO., LEE H., 2331 W. Washington.

PACIFIC INDUSTRIES, 1117 S. Robertson Blvd.

PACIFIC SCIENTIFIC CO., 1430 Grande Vista Ave.

PALMTAG CO., E. R., 165 S. Central Ave.

PARRISH & SLOAN CO., 1341 S. Hope St.

PAULES, E. G., 1762 W. Vernon Ave.

PAYNE, INC., JACK, 431 Colyton St.

PECK ASSOCIATES, ROY, 103 No. Santa Anita Ave.

PERIN, IRA G., 2933 E. 11th St.

PERLMUTH - COLMAN & ASSOCIATES, 2419 S. Grand Ave.

PETERSON CO., F. SOMERS, 1501 Maple Ave.

POMEROY COMPANY, J. G., 1004 E. Fourth St. (See Adv. page 73.)

POND & CO., BAXTER H., 302 12th St.

POPE CO., JAMES C., 1827 S. Hope St.

PORTER COMPANY, DON, 1117 So. Robertson.

POSSNER CO., 1223 Venice Blvd.

PREFERRED EQUIPMENT, INC., 4232 E. Whiteside

PROWELL CO., H. D., 2335 East 8th St.

QUALITY ELECTRIC CO., LTD., 1235 E. Olympic

REID CO., RALPH K., 1911 West 9th St.

RELIANCE ELEC. & ENG. CO., 714 W. Olympic Blvd.

RICHARDS CO., J. C., 433 Colyton

RICHTER, IRVING H., 627 South Normandy

RITTENHOUSE, CLAY C., 235 E. Century Blvd.

ROBERTS & ASSOCIATES, E. V., 5068 W. Washington Blvd.

ROESCH CO., D. J., 2200 So. Figueroa St.

ROYAL, INC., H. M., 4814 Loma Vista Ave.

RUPP CO., V. T., 1150 W. Olympic Blvd.

RUSH ASSOCIATES, C. B., 3757 Wilshire Blvd.

RUTKIN SALES, 935 Stanford Ave.

SANFORD CO., D. E., 1049 So. Hill

SAUL & ASSOCIATES, HOWARD M., 5015 San Vicente Blvd.

SCHALLER COMPANY, J. J., 845 Traction Ave.

SCHOW, ROBT. M., 1709 W. 8th St.

SCHUELER & WESTON, 923 E. 3rd.

SHEETER, HUGH X., 406 So. Main

SHIRREFFS CO., JIM, 1105 S. La Brea Ave. (See Adv. page 59.)

SHULL & SON, J. E., 3601 Whittier Blvd.

SIEVERS, EDWARD S., 1662 Hillhurst Ave.

SMALLCOMB ELEC. CO., 1120 S. Main

SMITH, A. ALLEN, 1513 Mateo St.

SMITH, JOSEPH M., 2029 Sunset Blvd.

SMITH, LOMBARD, CO., 714 W. Olympic Blvd. (See Adv. page 73.)

STEIN, H. M., 444 So. Cloverdale Ave.

STRASSNER CO., CONRAD R., 1865 N. Western Ave.

STOLAROFF, M. A., 4622 W. Slauson Ave.

STONE, CARL A., 1102 S. Western Ave.

STRAWN ENGINEERING REPRESENTATIVES, GEORGE A., 3312 West Vernon Ave.

STUTZ-SIMMONS, INC., 712 So. Olive.

SUES, YOUNG & BROWN, INC., 3636 S. Bronson.

SULLIVAN CO., L. J., 5225 Wilshire Blvd.

SULLIVAN, RALPH W., 923 E. 3rd St.

SWEET, WALTER S., 2115 So. San Pedro St.

TAUFENBACH CO., LES, 4860 Valley Blvd.

THACKABERRY, M. N., 304-308 E. 3rd St.

THERKELSEN, L. E., 2583 Canyon Drive.

THOMAS AGENCY, INC., NELSON R., 2155 E. 7th St.

THOMAS CO., RAY, 1601 So. Hope St.

TIVY, GEORGE, 1148 So. Grand

TRI-STATE SUPPLY CORP., 544 So. San Pedro. (See Adv. p. 71.)

TUBERGEN ASSOCIATES, 2232 W. 11th St.

TURNQUIST BROTHERS, 1807 E. Olympic Blvd.

VAN LUVEN CO., H. H., 120 S. Hewitt

W & L SALES CO., 1159 So. Broadway.

WALLACE, DON C. & WILLIAM, 1206 Maple Ave.

WARBURG CO., ED., 1207 E. 8th St.

WELBORNE, W. E., 2847 W. Pico.

WESTINGHOUSE ELEC. SUPPLY CO., 905 E. 2nd St.

WILCOX CO., E. A., 2202 S. Atlantic Blvd.

WILKINS, INC., GORDON E., 2135 E. 7th Place

WILT CO., O. B., 9006 S. Menlo Ave.

WOOD CO., FRED C., 712 So. Olive St.

YOUNG & CO., ROBERT A., 3901 San Fernando Rd. (See Adv. p. 77.)

YUDELSON, FLOYD, 1151 So. Broadway

ZINSCO ELECTRICAL PROD., 729 Turner St.

Lynwood

DAVIDSON AND ASSOCIATES, JOE, 2803 Los Flores Blvd.

Menlo Park

AULT & ASSOCIATES, C. E., 625 Laurel Ave.

MANUFACTURERS MARKETING SERVICE, 202 Felton Dr.

North Hollywood

EALY & HASTINGS, 11056 Cumpston

Oakland

BELCHAMBER, PHIL., 1401 Middle Harbor Rd.

BORKVIST, S., 6216 Laird Ave.

BRAINARD, W. V., 1010 Grosvenor Place.

BRILL CO., W. D., 198 10th St.

CALIFORNIA ELEC. COMPANY, 3015 Adeline

CUMMINGS, K. D., 6441 Pinehaven Rd.

ELECTRIC AGENCIES, 6420 Salem St.

GRIBBLE, WILLIAM, 610 16th St.

JOHNSON ENGINEERING CO., 534 20th St.

REUBEN LAGERSTROM CO., 2739 10th Ave.

MILLER, PERRY B., 3828 14th Ave.

ORMOND CO., JOHN H., 2519 Seventh Ave.

PACIFIC ELECTRIC MOTORS, 1009 66th Ave.

PAULES, P. E., 3871 Piedmont Ave.

SAFETY SWITCHBOARD CO., 910 89th Ave. (See Adv. page 52)

A. B. SMEDLEY, 192 E. Glenarm

WESTERN ELECTRO-MECHANICAL CO., 300 Broadway.

WINSOR, HOWARD B., 600 16th Street

Palo Alto

WHITE AND CO., 788 Mayview Ave.

Paradise

ARTHUR L. DICKSON, 6321 Clark Road.

Pasadena

ANDERSON, DENTON L., 1106 Fair Oaks, South Pasadena

COFFINBERRY, C. M., 2377 Galbreth Rd.

EMPIRE ENG. CO., 385 E. Green St.

GLENMART CO., 990 S. Fair Oaks Ave.

PHILLIPS, JIMMY, 155 W. State

PUELICHLER, R. T., 3151 E. Colorado St.

SMEDLEY, A. B., Box 67-C

San Carlos

ROSS CO., DAVID H., 534 El Camino Real

San Diego

BELFORT, L. E., 4750 Kensington Dr.

CALIFORNIA-ARIZ SALES AGENCY, 301 W. G St.

CALIFORNIA ELECTRIC WORKS, 424 8th St.

ELECTRIC SUPPLIES DISTRIBUTING CO., 435 2nd Ave.

PACIFIC WHOLESALE ELEC., 702 State St.

PETERSON CO., EDWARD L., 709 Bank of America Bldg.

SETCHELL, JAMES A., 301 W G St.

WARE & ASSOCIATES, JOHN ALLEN, 301 West G St.

WEIMER, S. V., 604 California Theatre Bldg. (See Adv. page 8.)

San Francisco

ALLEN CO., CLYDE, 1355 Market St.

ANGUS-CAMPBELL, INC., 917 Bryant St.

ARTER CO., LEE, 1355 Market

ARTHUR, ROBERT J., 420 Market St. (See Adv. page 42.)

ASHTON, WM., 116 New Montgomery St.

BAKEMAN & ASSOCIATES, C. T., 445 Bryant. (See Adv. page 60.)

BAKER SMITH CO., 1355 Market St.

BALLARD COMPANY, 407 Sansome St.

BASFORD COMPANY, H. R., 235 15th St.

BAUM, R. E., 681 Market St.

BAXTER COMPANY, 101 Kansas St. (See Adv. page 68.)

BELFER WM., 926 Howard St.

BELILOVE CO., 420 Market St.

BENNETT CO., THE, 1028 Geary St.

BENZ CO., FRED D., 444 Brannan St. (See Adv. page 3.)

BERGER JR., FRED W., 57 Post St.

BERMAN CO., E. L., 780 Natoma St.

BOSWELL, C. W., 1139 Mission

BOYD CO., A. B., 1235 Howard St.

BRADLEY CO., E. B., 462 Bryant St.
BRILL ELEC. SALES, 446 Bryant.
BROADHEAD STEEL PRODUCTS CO., 17th Ave. and Wisconsin Sts.
BROOKES CO., E. JORDAN, 7 Front St.
BROOKS EQUIPMENT CO., 636 Potrero
BROWN COMPANY, 681 Market St.
BROWN, J. T., 420 Market St.
BRUNDAGE, J. H., 288 7th St. (See Adv. page 20.)
BUSHNELL CONTROLS & EQUIP. CO., 509 Polk St.
BUTCHER, HENRY M., 15th and Vermont Sts.
CADY, J. F., 995 Market St.
CALIFORNIA ELECTRIC SERVICE, INC., 168 First St.
CALIFORNIA ULTRAVIOLET COMPANY, 420 Market St. (See Adv. page 72.)
CAMPBELL, FRED S., 1268 Mission St.
CAMPBELL - GEORGE CO., 1601 Cortland
CEAZAN COMPANY, J. N., 1301 Harrison St.
CHAPMAN COMPANY, J. M., 290 9th St.
CHEMNITZ CO., ERIC F., 1355 Market St.
CHURCH COMPANY, L. F., 750 Natoma
CLOTHIER CO., VAN D., 1301 6th St.
COASTAL STATES ELECTRIC & EQUIP. CO., 112 Market St. (See Adv. page. 77.)
COATES CO., A. H., 420 Market St.
COCHRANE BROTHERS, 1355 Market
COOK COMPANY, E. B. 1063 Howard St. (See Adv. page —)
COOMBS, O. W., 21 South Park
CORWIN CO., 1355 Market St.
CROCKER, P. R., 625 3rd St.
CROWLEY CO., PAUL E., 1157 Post St.
CURRY, MICHAEL, 736 18th Ave. (See Adv. page 80.)
CYR, WM. A., Room 423, 68 Post St. (See Adv. page 8.)
DALCO APPLIANCE CO., 685-7th St.
DE LEUZE & ASSOCIATES, GUY, 1485 Bayshore Blvd.
DELIUS & THOMAS, Hobart Bldg.
DENHAM SALES SERVICE, 538 Polk St.
DETSCH & CO., 341 10th St.
DIETRICH, DICK, 1355 Market St.
DONALDSON, HARRY V., 420 Market St.
ECKERT—Lloyd Corp., 1225 6th.
EDWARDS COMPANY, FRANK, 382 6th St.
EICHORN & MELCHOIR, 749 Bryant. (See Adv. page 45.)
ELECTRIC CORP., THE, 145 9th St. (See Adv. page 68.)
ELECTRICAL SPECIALTY CO., 158-168 11th St. (See Adv. Inside Back Cover.)
ELLIOTT, DONALD T., 420 Market St.
ENGINEERING SALES CO., 277 Pennsylvania Ave.
ENTERPRISE COMMERCIAL CO., 1268 Folsom St.
EPPERSON CO., J. C., 50 Hawthorne St.
ERLACH LEE COMPANY, 1355 Market St.
ERICKSON, J. D., 119 New Montgomery St.
ESTES COMPANY, CLAY, 1355 Market St.
EVERLEY CO., PAUL S., 550 9th St.
FARWELL FLETCHER, 221 11th St.
FINCKE CO., JOHN M., 330 10th St.
FISHER CO., R. H., 721 Clementina.
FISKE CO., INC., L. G., 778 Natoma St.
FLETCHER, J. C., 778 Brannan.
FOLLETTE, CLAUDE, 383 Brannan St.
FOWLER CO., CHAS. A., 979 Bryant St.
FULCHER COMPANY, THE, 58 Sutter St.
GARLAND - AFFOLTER ENG. CORP., 58 Sutter St.
GARNETT YOUNG AND CO., 390 Fourth St.
GENERAL ELEC. SUPPLY CO., 1201 Bryant St. (See Adv. p. 9.)
GENERAL SALES CORP., 500 Minnesota St.
GOLBUS SALES COMPANY, 1355 Market St.
GRAINGER, W. W. 156 8th St.
GRATIOT & SONS, C. J., 1282 Folsom St.
GRAY, GEO. A., 2720 17th St. (See Adv. page 29.)
GRAYBAR ELECTRIC CO., INC., 190 9th St.
GROESCHEL, ALBERT, 1355 Market St.
GUTHRIE, F. G., 420 Market St.
HAMILTON COMPANY, C. G., 1355 Market St.
HAMMOND, M. E., Tilden Sales Bldg.
HARRISS SALES CO., L. H., 383 Brannan.
HAUCH CO., ERNEST F., 1282 Folsom St.
HELD, HERMAN E., 147 10th St.
HENGER-SELTZER CO., 721 Bryant St.
HERMANS, JAMES P., 1234 Folsom St.
HITT CO., W. C., 1355 Market St.
HOBELMANN & CO., H. H., 225 Kansas St.
HODGES & GLOMB, 921 Bryant St.
HOLZMUELLER, C. J., 1108-10 Howard St.
HONN COMPANY, GEORGE E., 420 Market St. (See Adv. page 58.)
HOWARD & ASSOCIATES, G. M., 1282 Folsom St.
HOWE-MAGSON, INC., 420 Market St.
HUGHSON & MERTON, 1270 Bush St.
HUMBER & WALKER CO., 1485 Bayshore Blvd.
INCANDESCENT SUPPLY CO., 647 Mission St.
INGALLS & SONS, C. E., 681 Market St. (See Adv. page 20.)
JAMES CO., ALLAN P., 419 10th St.
JOSLYN PACIFIC COMPANY, 180 Potrero.
KANE CO., 1355 Market St.
KAEWERT, H. R., 750 Natoma St.
KAUFMANN, LEO, 72 Sacramento St. (See Adv. page 69.)
KEELER-WHITE, 615 7th St.
KING-KNIGHT CO., 774 Folsom St.
KIRK-PALKA CO., 420 Market St. (See Adv. page 56.)
KJAER EQUIPMENT CO., 1261 Howard St.
KLINGER CO., M. H., 440 Golden Gate Ave.
KOCH ASSOCIATES, GEO. S., 420 Market St.
KOLANS & CO., BILL, 101 San Felipe Ave., So. S.F.
KROTOZYNER, JAMES M., 544 Market St.
LAMBERTH, R. L., 320 Judah St.
LAVENSON AND SAVASTA, 586 Sixth St.
LICHTENSTEIN, CYRIL, 1355 Market St.
LILLY, ALFRED, 907 Post St.
LIPPINCOTT CO., 995 Market St.
LOGAN SALES CO., 154 8th St.
LOUDERMILK, A. B., 1539 Folsom.
LUNDY, RALPH B., 1063 Howard St.
LYMAN, OLIVER B., 55 New Montgomery St.
LYNN & BROOKS, 2048 Market St.
MADDOX, JOHN, 420 Market St.
MAGNES COMPANY, 275 Brannan St.
MAGUIRE CO., WM. F., 275 Brannan St.
MANUFACTURERS MARKETING SERVICE, 2342 Franklin St.
MARINE ELEC. CO., 195 Fremont St.
MARSH CO., J. W. 1355 Market St.
MARSHALL, HARRY E., 104 Olive St.
MARWOOD, LTD., 357 Ninth St.
MARYON & WILLIAMS, 1355 Market St.
MAYDWELL & HARTZELL, INC., 870 Tennessee St. (See Adv. page 37.)
McCORMACK & CO., 1355 Market.
McCUNE-MERIFIELD CO., 51 Fremont.
McMILLEN-STANLEY SALES CORP., 778 Natoma St.
MEIER CO., CHARLES A., 1473 Harrison St.
METCALF & CO., INC., JAMES L., 260 Kearney St. (See Adv. p. 85.)
MEYBERG CO., LEO J., 33 Gough St.
MEYER & ROSS, 113 10th St.
MEYERS SAFETY SWITCH, 423 Tehama St. (See Adv. page 40.)
MILLER CO., GERALD B., 1355 Market St.
MONSON ELECTRIC CO., 1110 Howard St.
MONTGOMERY BROTHERS, 1122 Howard St. (See Adv. page 70.)
MOULTHROP & HUNTER, 165 Eleventh St.
MUNDSTOCK, JAMES, 320 Market St. (See Adv. page 72.)
MURPHY CO., A. B., 228 Ninth St.
NEELY ENTERPRISES, 2830 Geary Blvd.
NEWMAN, HAROLD, 420 Market St.
NICHOLAS COMPANY, F. M., 714 Harrison. (See Adv. page 65.)
NICKERSON & RUDAT, 383 Brannan St.
NOEL, R. J., 1660 Mission St.
NOTT, L. A., 1061 Howard. (See Adv. page 52.)
O'BRIEN INDUSTRIAL EQUIP. CO., 1295 Folsom St.
O'NEILL, L. M., 1355 Market
PACIFIC CONTROL PRODUCTS, 2806 Eighth St.
PACIFIC ELECTRO SALES, 144 Townsend St.
PACIFIC SCIENTIFIC CO., 25 Stillman St.
PACIFIC UTILITIES SUPPLY CO., 550 9th St. (See Adv. p. 50.)
PALMTAG CO., E. R., 975 Indiana.
PARDEE, S. C., 55 New Montgomery St.
PARKER, A. R., 420 Market St. (See adv. page 69.)
PEERLITE MFG. & SUPPLY CO., 178 Fifth St.
PERIN CO., IRA G., 575 Howard St.
PETERSON COMPANY, F. SOMERS, 157 13th St.
PIMPER MACHINERY CO., T. F., 458 Brannan St.
PIONEER APPLIANCE CO., 1355 Market St.
PIPER, LEMAR, 420 Market St.
POLITEO, DOM. 547 Howard St.
POND & CO., BAXTER H., P.O. Box 3360
POWER, KENT H., 26 Josepha Ave.
PRIETSCH, PAUL R., 1355 Market St.
PRINCE & COMPANY, M. P., 111 New Montgomery St.
PRUSSIA CO., ROBERT R., c/o Central Warehouse, 524 Second St.
PURDY, W. J., 312 7th St.
RALPHS-PUGH COMPANY, INC., 530 Howard St.
RADKE, Dan H., 754 Natoma St.
RICE CO., PAUL H., 1355 Market St.
ROBERTS & ASSOCIATES, 988 Market St.
ROUTH COMPANY, THE T. R., 742 Market St., Room 223. (See Adv. page 64.)
RYALS, K. M., CO., 461 Market St. (See Adv. page 48.)
SAFETY SWITCHBOARD CO., 910 89th Ave., Oakland. (See Adv. page 52.)
SAMSON SALES CO., 420 Market St.
SANFORD CO., D. E., 12th and Howard Sts.
SCHEIBERT & FUCHSMANN, 1485 Bayshore Blvd.
SCHLAPP, FRED W., 204 Davis St.
SCHLOSS MFG. CO., LTD., 540 Mission
SCHUMAN, G. R., 1355 Market St.
SMEDLEY, A. B., 2701 21st St.
SMITH CO., CLAUDE B., 200 Davis St.
SNYDERMAN, HARRY, 1355 Market St.
SOLOMAN, HARRY, 1355 Market
SOMERVILLE, G.N. 780 Natoma St.
SPECTOR CO., THE, 1355 Market St.
SQUIRES & MARSHALL, 370 4th St.
STONE CO., W. & B., 1355 Market St.
STONE CO. W & B. 1355 Market St.
STROUT EQUIP. CO., 1174 Howard St.
SUES, YOUNG & BROWN, INC., 1355 Market St.
SULLIVAN, RALPH W., 420 Market St.
THOMAS AGENCY, NELSON R., 1355 Market St.
TRI-STATE SUPPLY CORP., 554 Bryant St. (See Adv. page 71.)
VAN GROOS, J. C., 210 Post St.
VAN LUVEN, H. H., 721 Bryant St.
VAN STETTEN ASSOCIATES, 1355 Market St.
VERMILIZA, ROBERT H., 1355 Market St.
VOORHEES & COMPANY, W. R., 417 Market St.
WALLACE, THOMAS, 320 10th St.
WALLACE CO., WALTER E., 445 Bryant St.
WALLACE & TIERNAN SALES CORP., 12 Minna St.
WALTHAM, DeWITT & KRUSI, 630 Monadnock Bldg. (See Adv. page 9.)
WEIDENTHAL-GOSLINER ELEC. WORKS, 353 10th St.
WESTERN FIBERGLAS SUPPLY CO., 739 Bryant St.
WESTERN HARDWARE & TOOL CO., 122 10th St. (See Adv. pages 64, 66, 76.)
WESTINGHOUSE ELEC. SUPPLY, 201 Potrero.
WESTON & COMPANY, WM., 1301 47th Ave.
WHITE & ASSOCIATES, GLENN B., 1355 Market.
WILCOX COMPANY, E. A., 277 7th St.
WILLIAMS, PAUL, 341 Hazelwood
WILT CO., O. B., 1355 Market.
WOOD COMPANY, FRED C., 1355 Market St.
WOODIN & LITTLE, 33-41 Fremont.

San Gabriel

FORD CO., INC., T. A., 320 South San Marino Ave. (See Adv. p. 57.)
HILL CO., J. T., 420 S. Pine St.
RANDOLPH CO., H. J., 736 Santa Anita. (See Adv. page 23.)

San Mateo

GOTT, D. J., 8412 Edison St.
PFLIEGER CO., R. L., 28 37th Ave.

Sherman Oaks

JEWETT, SAMUEL O., 13537 Addison St.
LEDBETTER, GEORGE W., 15117 Ventura Blvd.
WESTERN CONTROL EQUIP. CO., 4622 Van Nuys Blvd.

Van Nuys

SMITH, SETH W., 6858 Kester Ave. P. O. Box 229.

Whittier

FULLER CO., WM. H., 1088 Palm Ave.

Woodside

MORTON, DICK, 3763 Woodside

ARIZONA

Phoenix

ARIZONA WHOLESALE ELEC. CO., Phoenix
BENNDORF CO., WM., 401 W. Jackson St.
BOYD ENGINEERING CO., 1600 W. Jefferson
COULSON, J. C., 449 West Jackson.
EDDY ELECTRIC, W. H., 957 E. Van Buren.
ELECTRIC PRODUCTS INC., W. H., 957 E. Van Buren
ELECTRICAL EQUIP CO. OF ARIZ., First Ave. at Madison
GRENDAHL & SON, O. J., 726½ E. Portland St.
HANSEN CO., EDGAR G., 630 Security Bldg.
INDUSTRIAL ELECTRIC PRODUCTS, INC., 212 S. 7th Ave.
MAYDWELL & HARTZELL INC., 324 S. Second Ave. (See Adv. page 37.)
REDMOND SUPPLY COMPANY, J. E., 625 W. Madison St.
SHEFLER COMPANY, H. GEORGE, 240 So. 1st Ave.
SIEGMUND, FRANK M., P. O. Box 162
SOUTHWESTERN COMPANY, Security Bldg.
STANDARD EQUIPMENT COMPANY, 135 No. First St.
WARE & ASSOCIATES, JOHN ALLEN, 2115 So. 15th Ave.

Tucson

CENTRAL STATION ENG. CO., 2323 Aviation Highway

COLORADO

Colorado Springs

PEYSER & CO., 1801 No. Weber

Denver

ALLEN & SON, MILTON W., 1863 Wazee St.
AMBLER, J. B., Denver National Bldg.
ANDERSON, E. C., 1883 Wazee
B. & W. SALES CO., 100 W. 13 Ave.
BACON'S, 3327 Brighton Blvd.
BELT & CO., C. D., 1921 Blake St.
BLINN CO., THE JAMES H., 1140 Speer Blvd.
BOWEN, RONALD G., 446 Broadway
BOYER, FLOYD H., 1757 Stout St.
BRADY, LEWIS C., 16 Acoma.
BRANNAN, PAT, 8769 W. Colfax
CARPENTER CO., ALLEN B., 820 Twelfth St.
CLARK CO., BEN T., 1421 Court Place
CLINE & CO., 812 12th St.
CONDON, HOWARD F., 306 Enterprise Bldg.
CONNORS CO., W. H., 1590 Eudora
COOK CO., EDWIN P., 1863 Wazee.
DAVIN, H. L., 4536 Batavia Pl.
DILLON, C. M., 2304 Grape St.
DOUDON & CO., PAUL A., 1645 Wazee
DUNN, EDWIN C., 150 Park Place
ELECTRIC MOTOR SUPPLY CO., 1646 Blake St.
ELECTRICAL SPECIALTY CO., 1101 Stout St. (See Adv. Inside Back Cover.)
ELLIOTT, CLYDE P., 3020 So. Cherry St.
ELSNER, F. R., 842 So. York St.
FLORANCE & ASSOCIATES, 2052 Humboldt.
GAER SALES, 1470 Galapago St.
GALL & CO., FRED, 2050 Humboldt St.
GENERAL ELECTRIC SUPPLY CO., 1429 18th St. (See Adv. p. 9.)
GUIRE, H. C., 715 S. York.
HAMBURGER CO., GEORGE, 1258 Pearl
HAMILTON & ASSOCIATES, R. F., 1236 Elati
HENDRIE & BOLTHOFF CO., 1635 17th St.
HOLLOWAY CO., THE E. C., 383 Jersey St.
HYDE, RICHARD A., 3250 S. Dexter St.
JOY & COX, INC., 1940 Blake
KAMPHAUSEN COMPANY, DAN, Continental Oil Bldg. (See Adv. page 46.)
KAUB & COMPANY, HUBERT, 1025 Santa Fe Drive.
KOPKE SALES CO., W. L., 302 Boston Bldg.
KRIPPNER & POLLEY, No. 1 Downing.
LANDES, ZACHARY & PETERSON, 272 So. Santa Fe Dr.
LANG, C. R., 4795 Raleigh.
LARSON DISTRIBUTING CO., 550 Lincoln.
LEONARD, CO., F. J., 1229 California St.
LITTELL SALES CO., PORTER, 1156 Bannock.
McLOUD & RAYMOND, 5528 E. Colfax Ave.
MANUFACTURERS MARKETING SERVICE, 6209 West 26th Ave.
MEDILL SALES CO., 802 12th St.
MINE & SMELTER SUPPLY CO., 1422 17th St.
MOREY MERCANTILE CO., 1628 16th St.
MOUNTAIN STATES MACHY. CO., 1526 Blake St.
MUELLER, MARK G., 1644 Blake.
NELFRAN CO., 2013 So. Broadway
NELSON COMPANY, A. J., Box 5502
O'BRIEN SALES, A. J., P.O. Box 1681
OLMSTEAD CO., HARVEY M., 1534 Wazee.
PARKER CO., 4655 Colorado Blvd.
PERLMUTH - COLMAN ASSOCIATES, 848 Equitable Bldg.
PETERSON CO., 4949 Colorado Blvd.
PORTER LITTELL SALES, 1156 Bannock
REGIONAL SALES CO., 1719 Boulder.
REITZ SALES, 1324 Bellaire St. N.W. 6th Ave.
RICHARDS AND ASSOCIATES, 2415 15th St.
SALES ENGINEERS, INC., 1440 11th St.
SCHLOSS & SHUBART, 1626 Wazee.
SCHMIDT SALES CO., 1206 15th St.
SCHUMANN COMPANY, KENNETH B., 1073 Galapago St.
SLAYBAUGH-THOMPSON CO., 100 W. 13th Ave.
SLUMAN & COMPANY, D. H., 130 W. 12th Ave.
SOLEN CO., ALBERT M., 3033 E. 42nd Ave.
SPENCER & CO., PAUL R., 4000 York St.
STAIBLE & SONS, FRED E., 2046 Arapahoe.
STEINKAMP & CO., D. A. 2400 Gaylord
STONE-HALL COMPANY, 3101 Walnut St.
SWEENEY CO., B. K., 1601 23rd St.
TARBOX CO., GEO. E., 439 Williams St.
TITUS, C. D., 1734 Lawrence St.
URQUHART, M. B., 307 Mercantile.
VONIER, E. T., 1160 Elati St.
WARNER CO., J. M., 200 West 48th
WILLIAMS CO., ALLEN I., 124 W. 12th St.
YOUNG, C. A. D., 726 Colorado Bldg.
YOUNG CO., W. E., 2134 Curtiss St.

NEW MEXICO

Albuquerque

A & A SUPPLY CO., P. O. Box 1516
BERCAW COMPANY, O. M., 245 N. Vermont St.
CARDER JR. CO., THE JOHN, 1624 N. 1st St. (See Adv. page 57.)
ELECTRIC SUPPLY CO., 609 No. Broadway.
HOFFMANN ENGINEERING CO., 313 So. Second St.
McGILLAN SALES CO., 513 So. Amherst.
NEELY ENTERPRISES, 107 South Washington
PEARCE & ASSOCIATES, JOE E., P.O. Box 796.
RICHARD LANCASTER, Albuquerque Hotel.
THE SALES COMPANY, 1624 No. 1st. P.O. Box 808.

OREGON

Portland

AMERICAN INDUSTRIAL SALES CO., 2104 N.E. 13th Ave.
BACH ELECTRIC, PETE, 1233 N. W. 12th Ave.
BALLANTYNE CO., W. G., 1215 N.W. Everett
BAXTER COMPANY, L. M., 1220 S. W. Stark
BELUSKO, JAS. V., 2712 N.W. Raleigh.
BENNETT CO., F. E., 426 N.W. 6th Ave.
BLONDER AGENCIES, JOE, 1133 N.W. 19th Ave.
BRUCE-EMMET CO., 830 S. E. Alder
BURCHAM COMPANY, DON H., 510 N.W. 19th.
CAMNITZ, R. M., 4630 S.W. Viewpoint Terrace
CARLSON, FRED, 935 N. W. 12th
CAVANAUGH AGENCIES, J. M., 1132 N.W. Glisan.
CHEMNITZ COMPANY, FRED G., 1310 S. W. Alder St.
COAST ELEC. & MFG. CO., 1733 N.E. 7th Ave.
CONNELLY COMPANY, F. B., of Oregon, 905 N.W. 12th Ave.
COTTRELL CO., WM. J., 4000 S. W. Macadam Ave.
CRESS CO., W. H., 201 Concord Bldg.
DIRKS & CO., 416 N.W. 14th Ave.
EDSTROM, J. E., 935 N.W. 12th.
ELECTRAN CO., 4550 N.E. Alberta.
ELECTRIC AGENCIES, 1220 S.W. Morrison St.
ELECTRIC SPECIALTY CO., 6625 S.W. Canyon Lane. (See Adv. inside back cover.)
ENGLISH & ASSOCIATES, R. C., 3814 N.E. Wasco St.
EULER CO., HARRY M., 2811 N.E. Glisan.
FARRINGTON SERVICE, 305 S.W. 5th Ave.
FALKENHAGEN CO., LOU, 907 N. W. Irving.
GARDNER, AL., 1423 N.E. 28th
GARLAND-AFFOLTER ENG. CORP., 1233 N. W. 12th Ave.
GARNETT YOUNG & CO., 1238 N.W. Glisan
GENERAL ELEC. SUPPLY CO., 300 N.W. 14th. (See Adv. p. 9.)
HENKEL SALES, F. C., 317 Builders Exchange Bldg.
HOFFMAN, GEORGE L., 3007 S. W. Nebraska.
HORN CO., WM. P., 821 N. W. Flanders.
JOSLYN PACIFIC CO., 1523 N. W. Kearney St.
KEARNS, JAMES L., 6055 N.E. Glisan.
KEELER, WHITE CO., 322 N.W. 4th Ave.
KLAUS, CHAS. E., 1004 S.E. Belmont
LEGG CO., RICHARD, 3834 S.E. Milwaukie Ave.
LEVIN, M., 2438 S.W. 4th Ave.
LYNN & BROOKS, 9931 N.E. Mason
MARWOOD LTD., 209 S. W. First Ave.
MAY CO., INC., W. L., 215 N. W. Park Ave.
MAYDWELL & HARTZELL, INC., 1238 N.W. Glisan St. (See Adv. page 37.)
McNAIR CO., HUGH, 1205 N.W. Marshall St.
MILLER, H. C., 4550 N.E. Alberta.
MOELLER, HARRY J., 612 N.W. 20th Ave.
MONTGOMERY BROS., 1632 N.W. Johnson St. (See Adv. page 76.)
MUNRO COMPANY, D. R., 112 S. W. Pine.
MUSGRAVE, M. N.
NEWTON, L. F., 3825 S.E. 17th Ave.
NIELSON, HOWARD B., 429 S. W. 4th Ave.
NORTHWEST SALES CO., 1603 N. W. Johnson.
OUSLEY, PAUL S., 10710 S.W. Elysium Ave.
PACIFIC ELECTRIC SALES CO., 140 S.E. 28th Ave.
PLATT, M., 3203 N.E. 12th Ave.
POLICH & ASSOCIATES, A. L., 5860 S.W. 18th Dr.
PROBY & ASSOCIATES, WM., 1308 N.W. Everett.
RIEKE, R. C., P. O. Box 4242
SCHULTER, JOHN A., 411 Weatherly Bldg.
SHAFFER & NELSON, 1204 N.W. Glisan.
SIEGERT AGENCY, ED., 320 S.W. Stark St.
SMITH, RAY, 501 Park Bldg.

STANINGER, WILLIAM, 2104 N.E. 18th
STAR MACHINERY CO., 801 S.W. Front Ave.
STEWART CO., JAMES P., 821 N.W. Flanders
STUBBS ELEC. CO, 33 N.W. Park Ave.
TAYLOR, D. C., P.O. Box 4224.
TURNER & CO., WM. S., 432 Pacific Bldg.,
WESTINGHOUSE ELEC. SUPPLY CO., 134 N. W. 8th Ave.
WHITE, E. RUSSELL, 3149 N.E. Sandy Blvd.
WIANT PRODUCTS CO., 1231 N.W. Hoyt St.
ZAUGG, FRED S., 907 N.W. Irving.

UTAH

Salt Lake City

ASHTON HEATING & AIR CONDITIONING CO., 179 Motor Ave.
ALDER SALES CORP., 1343 South Main St.
BINTZ CO. W. H., 433 W. 3rd So. St.
BRUCE-EMMETT CO., 1630 Sherman Ave.
CAMPBELL, ELSEY, 326 Ness Bldg.
CHRISTENSEN, J. R., 247 E. 5th South
CONELY ENG. CO., 165 So. 1st West St.
DARGER CO., THE, 251 Rio Grande St.
EARL INC., GLENN, 245 South 1st West
ELGGREN & SONS CO., A. J., 428 So. West Temple.
EVANS, C. L., 181 First Ave.
FLINT DISTRIBUTING CO., 316 West 2nd So.
GATES CO., 200 So. Main St.
GENERAL ELECTRIC SUPPLY CO., 312 West 2nd South St. (See Adv. page 9.)
GNADT, W. E., 507 McIntyre Bldg.
HARRISON CO., WM. Z., 436 Atlas Bldg.
JWRCO., INC., 1209 S. Main
MANUFACTURERS MARKETING SERVICE, 328 West 2nd So.
MODERN ELEC. SUPPLY CO., 37 Richards St.
MOUNTAIN STATES DIST., INC., 622 So. State.
NICKERSON MACHINERY CO., 271 S. W. Temple St.
PACE TURPIN & CO., 726 So. 3rd West St.
REES CO., A. D., 230 S. 4th West.
RITER ENGINEERING CO., 136 S. Main
SALES ENGINEERS, 2269 McClelland.
SILVER COMPANY, CLARENCE W., 550 West 7th South St.
SLUSSER, LEONARD M., 318 Dooly Bldg.
SPENCER & CO., 1421 So. Main.
STEVENS SALES CO., 1482 Major St.
UTILITY ENGINEERS, INC., 630 Dooly Bldg.
UNITED ELEC. SUPPLY, 117 W. 4th South St.
WESTERN SALES SERVICE, 435 Atlas Bldg.
WESTINGHOUSE ELEC. SUPPLY CO., 210 Rio Grande St.
WILLIAMS, GRITTON & WILDE, 204 Dooly Building.

WASHINGTON

Seattle

BACKER COMPANY, JAMES J., 2321 2nd Ave.
BAKER SMITH CO., 209 Terminal Sales Bldg.
BAXTER CO., L. M., 908 Lowman Bldg.
BEACON SALES CO., Merchandise Mart.
BEST, KEN H., 541 1st Ave. South. (See Adv. page 73.)
BRUCE-EMMET CO., 1016 1st Ave.
BURCHAM CO., DON H., 1327 Norcross Way.
C. & H. SUPPLY CO., 2723 First Ave. So.
CAMPBELL CO., H. D., 501 Jones Bldg.
CARLSON, FRED W., 1201 Dexter.
CARROLL, EDGAR, 2727 First Ave.
CONLEY, P. R., 8415 Roosevelt Way.
CONNELLY COMPANY, F. B., 1015 Republican St.
COTTONGYM, ZACK, 2408 2nd Ave.
CROWE & CO., INC., F. T., 216 Walker Bldg.
ECKSTROM & ASSOC., EARL E., 2601 2nd Ave.
EICHER & COMPANY, 263 Colman Bldg.
ELECTRIC AGENCIES, 618 Second Ave.
ELECTRICAL SPECIALTY CO., 2406 First Ave. S. (See Adv. inside back cover.)
EVANS, C. L., Terminal Sales Bldg.
FISKE CO., INC., L. G., 205 Terminal Sales Bldg.
GARLAND-AFFOLTER ENG. CORP., 2603 Western Ave.
GARNETT YOUNG & CO., 1928 1st Ave. South.
GENERAL ELEC. SUPPLY CO., 1212 1st Ave. South. (See Adv. page 9.)
GLEASONS, THE, 657 E. 45th St.
GILLETT CO., COLLINS H., 2501 Crestmont Pl.
GILLETTE & McLAREN, Arctic Bldg.
GORDON, W. G., 2216 1st Ave.
GREENE WINKLER CO., 5th Ave. at Battery.
GUENTHER, FLOYD, 2216 First Ave.
HAGGARD, PAUL K., 4431 North 7th St.
HAIGHT CO., FRED H., 3212 Eastlake.
HANAUER, WM. E., 1736 1st Ave. South.
HATHAWAY THRULOW CO., 1500 Westlake North.
HEINZ COMPANY, B. T., Dexter Horton Bldg.
HENDREY CO., W. R., Smith Tower.
HEWITT CO., INC., A. D., 2718 Elliott Ave.
HOFFMAN, H. H., 319 2nd So.
HOGENSON, OSCAR, 95 Connecticut.
HUDSON COMPANY, HAROLD 100 New World Life Bldg.
HUTCHINSON, A. T., 1953 Eleventh Ave., West. (See Adv. p. 8.)
INDUSTRIAL PRODUCTS CO., 2911 1st Ave. So.
INGIBRITSON JOEL, 414 Vance Bldg.
INSTRUMENT LABORATORY, INC., 934 Elliott Ave. W.
INSTRUMENT SALES CO., INC., 2137 2nd Ave.
JAEGER, A. H., 1906 Bigelow Ave., North.
JENSEN COMPANY, VERNER O., 2616 Second Ave.
JOSLYN PACIFIC CO., 2424 First Ave. So.
KEELER, WHITE CO., 1041 6th Ave. So.
KING COMPANY, C. A., 2323 2nd Ave.
KITCHEN, INC., J. WEBB, 2115 2nd Ave.
LAMAR, L. B., 1246 1st Ave. South.
LA MOREE, C. D., 166 Jackson St. (See Adv. page 33.)
LEE COMPANY, DAVE M., 2517 Second Ave.
LE RICHE, R. E., 422 Smith Tower

James I. Metcalf & Company, Inc.

MANUFACTURERS' AGENT

Pacific Coast Representative

ENGLISH ELECTRIC EXPORT & TRADING CO., LTD.

23 Beaver St., New York 4, N. Y.

SIEMENS BROTHERS & CO., LTD.

Woolwich, London

Hydraulic Turbines
Water Wheel Alternators
Steam Turbo-Generators
Power Transformers
Switchgear
Mercury-Arc Rectifiers
Industrial Drives
H.R.C. Fusegear
Power Cables
Telephone Cables
Street Lighting Equipment

701 United Pacific Bldg. Seattle 4, Wash. Seneca 6322
260 Kearny St. San Francisco 8, Calif. Garfield 1-0653
808 Occidental Life Bldg. Los Angeles 15, Calif. Richmond 9-0766

Cable Address—JAIMETCO

LIPPINCOTT CO., 911 Western Ave.
LUNDIN & CO., D. H., 1127 East Northlake
MARSH AGENCIES, 2601 1st Ave.
MARWOOD, LTD., 1714 First Ave. South.
MAXWELL & ASSOCIATES, Northern Life Tower
MAYDWELL & HARTZELL, INC., 306 Dexter Ave. (See Adv. p. 37.)
McCUNE-MERIFIELD, 909 Western Ave.
McDOUGALL CO., J. C., 520 First Ave. South.
MEREDITH, RON, 2410 Beacon.
MERRITT CO., RON, 120 West Thomas St.
METCALF & CO., INC., JAMES I., 701 United Pacific Bldg. (See Adv. page 85.)
MODERN GLASS HEATING CO., 3612 1st South.
MONTGOMERY BROS., 911 Western Ave. (See Adv. page 79.)
MONTLE, R. R., 1864 S. 120th St.
MUIR, AL., 81 Yesler Way
MUSGRAVE & CO., MERRILL N., 2019 3rd Ave.
MUTH-RICHARDS CO., 1804 Bush Place.
NORRIS COMPANY, GEORGE D., 3010 First Ave.
NORTH PACIFIC ELECTRIC AGENCIES, 615 Lloyd Bldg.
NORTHWEST APPLIANCE DIST. 3433 Airport Way.
NORTHWEST SALES & ENGINEERING SERVICES, 915 Terminal Sales Bldg.
NORTHWESTERN AGENCIES, INC., 4130 First Ave. South.
NORWEST CO., 330 2nd Ave. West.
PACIFIC COAST HEATING & APPL. CO., Foot of Main St.
PACIFIC ELECTRO SALES, INC., 3401 4th Ave. So.
PACIFIC SCIENTIFIC CO., 1915 1st Ave. So.
PARSONS & CO., C. B., 3028 First Ave.
PERLMUTH - COLMAN ASSOCIATES, 441 Dexter Horton Bldg.
PENNING, J. R., 2323 2nd Ave.
PERRY, O. E., 7401 Fremont Ave.
PLATT, JOHN C., 111 Bell St.
PORTER CO., BURT C., 4310 Roosevelt Way.
PRICE COMPANY, W. MONTELIUS, 524 1st Ave. South.
PROBY BROTHERS, 522 First Ave. South
RADIO TELEVISION & APPL., INC., 510 Westlake North.
RAYMER COMPANY, L. L., 911 Western.
ROBEN CO., W.A. 1001 Westlake Ave., North.
ROBERTSON, BOYD, 1931 2nd Ave.
ROBINSON DISTRIBUTING CORP., 3129 Western Ave.
SANDERLIN COMPANY, 129 1st Ave. West.
SANFORD CO., D. E., 2521 2nd Ave.
SCHACK & CO., ED. B., 2216-18 1st Ave.
SCHARR, FREEMAN CO., 444 Dexter Horton Bldg.
SEGURSON, RAYMOND P., Washington Athletic Club.
SLATER & ASSOCIATES, A. C., 915 Terminal Sales Bldg.
SMITH CORPORATION, A. O., White Henry Stuart Bldg.
SPARKS, JAMES D., 7331 W. Green Lake Way.
STANDARD ELECTRIC SALES, 1731 1st Ave. So. (See Adv. p. 59.)
STAR MACHINERY CO., 1741-1st St. So.
STONE CO., W. T., 1717 Westlake North
STRAUSER, T. C., 94 Connecticut St.
STROUM, S. N., 1612 Broadway.
STUMPH, J. H., 1000 Fourth Ave. South.
SUNSET ELEC. CO., 300 Westlake North
SUTTHOFF, JOHN H., 1102 Eighth Ave.
TIERNEY ELECTRICAL MFG. CO., 2713 1st South.
TRANSPORT TRAILER & EQUIP. CO., INC., 2400 Sixth Ave. So.
TRI-STATE SUPPLY CO., 318 Occidental Ave. (See Adv. page 71.)
TURNER, W. K., Terminal Sales Bldg.
WATKINS, J. W., 551 Skinner Bldg.
WATSON COMPANY, T. T., 508 5th Ave. South.
WEDEL CO., FRANK, 3215 Western Ave.
WESTINGHOUSE ELEC. SUPPLY CO., 1051 1st Ave. So.
WHEAT & SON, W. W., 2219 4th Ave.
WIDDEKIND CO., 216 1st Ave. N.
WILCOX, E. A. CO., 913 Arctic Bldg.
WILL, E. A., 534 1st Ave. So.
WINIKOFF CO., NEIL, 7554 44th N. E.
WINNINGHAM & CO., HAROLD, 1117 2nd Ave.
WOOD CO., FRED C., Terminal Sales Bldg.
WOOD, THOMAS S., 220 9th Ave.
WOOLLEY INSTRUMENT SERVICE, INC., 1869 S.W. Broadway

DIRECTORY OF APPLIANCE SERVICE and REPAIR PARTS

A listing of electrical appliance manufacturers' Western service station and parts depots. **PAGES 86-104**

DIRECTORY OF MANUFACTURERS—Alphabetical listing of manufacturers of electrical equipment, showing their principal Western offices and Sales Representatives. **Pages 1 - 63.**

WHERE TO BUY IN THE WEST—Alphabetical listing of various products, showing Western sources. **Pages 64 - 80.**

DIRECTORY OF WESTERN REPRESENTATIVES—A listing by states and cities of manufacturers' representatives handling electrical lines. **Pages 81 - 85.**

ABC HOUSEHOLD WASHER & DRYER (See Altorfer Bros. Co.)

A-P CONTROLS CORP., 2450 N. 32nd St., Milwaukee 45, Wis.
(AP, Oilifter, Trap-ite, Trap-dri, Gasapack, Oil Control Valves)
Service Stations:
Los Angeles: George T. Hall Co., 5625 W. Washington Blvd.
Portland: Northcraft Pump & Controls Co., 4100 S. E. Milwaukie Ave.
Denver: **Instrument Service Co., 833 Champa St. (4)**
Seattle: Therm Gas Generator Co. Inc., 2105 Westlake Ave.
Spokane: Spokane Washer Co., 203 W. Main St. (9)
Tacoma: Gensco Inc., 2914 S. Cushman Ave.
Yakima: **Yakima Heating Supply Co.,** 18 S. 4th Ave.
Vancouver, B.C.: Pacific Controls Co., 1042 Davie St.

ACME ELEC. HEATING CO., 1217 Washington St., Boston 18, Mass.
(Acme, Acrom, Acrod, Cast-X, Heetmor heaters)
Factory service only.

ACME LITE PRODUCTS CO., Congers, N. Y.
("Magic Arm"—portable fluorescent desk lamp)
Factory service only.

ACRO MFG. CO., THE, Crise Controls Div., Acro-Mu Switch Div., Columbus 16, Ohio
(Electric switches and temperature controls)
Representatives:
Phoenix: George Shefler, P. O. Box 1587
Los Angeles: Fred F. Alleman, Room 404 Halliburton Bldg., 1709 W. 8th St.
San Francisco: **R. H. Fisher** Sales Co., 30 Harriet St.
Denver: C. P. Elliot, 661 Delaware St.
Seattle: C. B. **Parsons, 3028** First St.

ADMIRAL CORP., 3800 Cortland St., Chicago 47, Ill.
(Admiral refrigerators, freezers, air conditioners, moisture conditioners, electric ranges, television, radio, record changers; also parts for Stewart-Warner refrigerators and ranges)
Phoenix: Arizona Hardware Co., First St. & Jackson, P.O. Box 2110
San Diego: Admiral Distributors, San Diego Div. of Admiral Corp., P. O. Box 1270, 1270 Columbia St.
San Francisco: Admiral Distributors, San Francisco Div. of Admiral Corp., 495 Beach St. (7)
Los Angeles: Admiral Distributors, Los Angeles Div. of Admiral Corp. 6565 E. Washington Blvd. (22)
Denver: Admiral Distributors, Denver Div. of Admiral Corp., 1140 W. 5th Ave. (4)
Billings: Midland Distributing Co., 2216 First Ave. N.
Albuquerque: Cunningham Dist. Inc., 220 W. Marquette
Portland: Lou Johnson Co. Inc., 1506 N. W. Irving
El Paso: Cunningham Distributors Inc., 2159 Mills St., P. O. Box 3335
Salt Lake City: ZCMI Wholesale Distributors, 1665 Bennett Road
Seattle: John E. Amberg Co., 902 1st Ave. S. (4)
Spokane: Admiral Distributors Inc., 45 W. Main St.
Honolulu: Berebeth Corp., Ltd., 505 Kamani

AIR CONTROLS INC., Div. of The Cleveland Heater Co., 2310 Superior Ave., Cleveland 14, Ohio
(Rex air conditioning blowers, furnace blowers, attic fans, exhaust fans, window vent fans)
Factory service only.

AIRWAY ELEC. APPL. CO., 2101 Auburn Ave., Toledo 1, Ohio.

AJAX ELEC. CO., 101 Allen, Philadelphia 23, Pa.
(Ajax-Hultgren Electric Salt bath furnaces)
Distributors:
Los Angeles: A. W. Nash, 2112 S. Atlantic Blvd. (22)
San Francisco: G. H. Thurston, 1 Estates Court, Orinda, Calif.
Denver: Richards & Associates, 2415 16th St.
Seattle: H. E. Hartley Co., 920 Second Ave. (4)

ALABAMA MFG. CO., 1st Ave. North at 13th St., Birmingham 3, Ala.
(Gem Dandy electric butter churn)
Factory service only.

ALADDIN INDUSTRIES INC., 705 Murfreesboro Road, Nashville, **Tenn. (Formerly Mantle Lamp** Co. of America)

ALLIANCE MFG. CO., Lake Park Blvd., Alliance, Ohio.
(Alliance motors, Tenna-Rotor and Tenna-Scope, Lift-A-Door garage door operators)
Factory service and supply only.

ALTORFER BROS. CO., Peoria, Ill.
(ABC household washers and dryer)
Distributors and Service Stations:
Phoenix: Central Washer Service, 241 S. Central Ave.; **Albert Mathias & Co. Inc., 395 S.** Second
Tucson: Complete Auto & Home Supply Co., 530 N. Stone
Fresno: Hoffman Sales Division, 1740 Van Ness Ave.
Long Beach: Home Service Co., 2100 E. 4th St.
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd. (15); **Washing Machine** Parts Co., 1241 S. Hope St.; Hoffman Sales Division, 426 W. College St.
Oakland: Electrical Appliance Service Corp., 4238 Broadway; Yates Service Co., 1500 E. 34th St.
Sacramento: Al Bedard's Parts Supply, 1626 N. C St.; Hoffman Sales Division, 1115 R St.
San Bernardino: Citrus Belt Washing Machine Parts Co., 837 Colton Ave.
San Diego: Electrical Appliance Service Corp., 302 17th St.; Washing Machine Parts Co., 1743 India St.; San Diego Appliance Distributors Inc., 446 W. Beech St.
San Francisco: Washing Machine Parts Co., 45 **Rhode Island St.;** The Electrical Appliance Service Corp., 1434 Howard St.; Hoffman Sales Division, 450 9th St.
Denver: Independent Distributors Inc., 1164 Elati St.; Ray Jones Washing Machine Co., 376 S. Broadway; Niles Washing Supply Co., 509 14th
Boise: Thompson Appliance Co., 1705 Broadway
Burley: Lamar-Davis Service, 120 E. 5th
Pocatello: Appliance Service Center, 708 S. Main
Helena: D. N. Latus & Co., 1531 National Ave.
Albuquerque: Albert Mathias & Co. Inc., 700 N. First.
Portland: W. L. May Co., 215 N.W. Park Ave.; W. T. Dyke & Co., 12 S. E. 28th Ave. (15); Hoffman Sales Corp. of Oregon, 600 S. E. Stark St. (14)
El Paso: **Albert Mathias & Co.** Inc., **P.O. Box 391**
Salt Lake City: M. C. Morley Co., 312 E. 1st St. S.; A-1 Master Electric, 203 E. 5th St.; Intermountain Appliance Service, 705 S. State
Seattle: Appliance Parts & Service Co., 214 Stewart St. (1); Zerega Distributing Co., 515 Westlake, N.
Spokane: Appliance Parts & Service, W. 609 Trent St.; Colonial Fuel Co., E. 117 Boone Ave.

ALUMINUM GOODS MFG. CO., 15th & Washington, Manitowoc, Wis.
(Mirro, Mirro-Matic Electric Pressure Pan, AGM-Pure Aluminum Electric percolators and tea kettles)
Service Stations:
Phoenix: Vinson-Carter Electric **Co., 325 N. 4th St.**
Bakersfield: Urner's Appl. Center, 212 21st St.
Carmel: Harry Beshore, Box 3867
Chico: Household Repair Shop, 1421 Park Ave.
Daly City: Westlake Appliance Service, 32 Park Plaza Drive
Fresno: The Clock Shop, 1418 Fulton St. (21)
Long Beach: Calif. Electric Service Inc., 1407 E. 4th St.
Los Angeles: Calif. Electric Service Inc., 832 S. Alvarado St. (5)
Oakland: Calif. Electric Service Inc., 1246 E. 14th St.
Pasadena: Calif. Electric Service Inc., 2594 E. Colorado St. (8)
Sacramento: Lamco **Electric, 1416** 21st St. **(14)**
San Diego: **J. F. Zwiener Electric** Co., 1242 First Ave.
San Francisco: Calif. Electric Service Inc., 168 First St. (5)
San Jose: D & S Repair Service, 832-836 Park Ave.
Denver: Midwest Electric Service Inc., 1126 Santa Fe Drive (4)
Greeley: Herdman Electric Co., 809 10th St.
Boise: Karre Appliance Repair, 13 S. Latah
Butte: **Radio Eng. Service Co., 219 W. Park St.**
Albuquerque: Appliance Service Center, 1903 4th St., N. W.
Eugene: Oldsfield's Electric, 846 Olive St.
Medford: Trowbridge & Flynn Elec. Co.
Portland: Morrison Electric Co., 1206 S. W. Wash. at 12th Ave. (5)
El Paso: Wayne M. Tinkler & Co., Ltd., 2731 E. Yandell
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Spokane: Appliance Parts & Service Co., **609 W.** Trent Ave. **(8)**

AMANA REFRIGERATION, INC., Amana, Iowa
(Amana food freezers and room air conditioners)
Representative:
John J. Pollen, 12238 Cantury St., N. Hollywood, Calif.
Distributors:
Phoenix: Arizona Hdwe. Co., 1st & Jackson St.
Fresno: Don Anderson Inc., 1730 H St.
Los Angeles: Gough Industries Inc., P. O. Box 2768 Terminal Annex
San Diego: San Diego Appl. Distributors, 446 W. Beech St.
San Francisco: Kaemper & Barrett, 233 Industrial St., P. O. Box 969
Denver: Denver Appliance Corp., 201 S. Cherokee
Boise: Zion Cooperative Mercantile Institution, 314 S. 6th St.
Helena: D. N. Latus & Co., 1531 National Ave.
Portland: Lou Johnson Co., Inc., 1506 N. W. Irving
Salt Lake City: ZCMI Wholesale Distributors, 1665 Bennett Road, P. O. Box 1109
Seattle: Lenihan Dist. Co., 157 Mass. Ave.
Spokane: Prudential Dist. Inc., S. 151 Stevens St.

AMERICAN BEAUTY ELECTRIC IRONS (See American Electrical Heater Co.)

AMERICAN ELECTRICAL HEATER CO., 6110 Cass Ave., Detroit 2, Mich.
("American Beauty" electric irons)
Parts and service:
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Denver: Midwest Electric Service Co., 1126 Santa Fe Drive
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd. (15)
Portland: Morrison Elec. Service, S.W. Washington at Thirteenth
San Francisco: Electrical Appliance Service Corp., 1434 Howard St. (3)
San Diego: Electrical Appliance Service Corp., 302 17th St. (2)
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave. (8)

AMERICAN IRONING MACHINE CO. (See Speed Queen Corp.)
(Simplex ironers)

AMERICAN MICROPHONE CO., 370 So. Fair Oaks Ave., Pasadena 1, Calif.
Factory Service Only.

AMERICAN MOTORS CORP., 14250 Plymouth Rd., Detroit 32, Mich.
(Kelvinator refrigerators, electric ranges, home freezers, automatic and wringer washers, electric clothes dryers, ironers, commercial refrigerating equipment, kitchen cabinets, cabinet sinks, garbage disposers, room air conditioners, electric water heaters; Leonard refrigerators, electric ranges, home freezers, electric water heaters, room air conditioners)
Distributors:
Phoenix: Elec'l Equipment Co. of Ariz., 1st Ave. at Madison, P.O. Box 4185
Los Angeles: Kelvinator Division, American Motor Sales Corp., 2914 E. 46th (58)
Oakland: Kelvinator Division, American Motor Sales Corp., 2325 E. 12th St. (1)
Denver: Hendrie & Bolthoff Co., 1621-39 17th St.
Billings: Taylor Distributing Co., 4148 First Ave. S, P.O. Box 1116
Albuquerque: Charles Ilfeld Co., 200 N. 1st St.
Portland: Kelvinator Division, American Motors Sales Corp., 2012 N.W. Vaughn St.
El Paso: Wilmot Distributing Co. Inc., 1803 Myrtle Ave.
Salt Lake City: Flint Distr. Co., 316 W. 2nd S. St. (11)

Seattle: Kelvinator Division, American Motors Sales Corp., 2819 Elliott Ave. (1)

AMICAL INC., 60 Federal St., San Francisco, Calif. (Subsidiary of Noma Lites Inc. See Noma.)

ANSLEY RADIO & TELEVISION INC., 85 Tremont St., **Meriden**, Conn.
(Ansley Dynatone Radios)
Orders to be placed at factory for the present.

APEX ROTAREX, Division of Apex Electrical Mfg. Co., Cleveland 10, Ohio.
(Apex Rotarex, Rotarex, Faultless, Holland-Rieger, Lake State Products)
(Cleaners, washers, ironers)
Parts and service:
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd.; (office and parts) Washing Machine Parts Co., 1241 S. Hope St.; The Ven Corp., 2832 Newell St.(service only)
Oakland: Electric Appliance Parts Co., 527 E. 8th St.
Sacramento: Finnestead Washer Service, 1306 Jay St.
San Diego: Electrical Appl. Service Co., 302 17th St.; Washing Machine Parts Co., 1743 India St.
San Francisco: Electrical Appl. Service Co., 1434 Howard St.; Washing Machine Parts Co., 45 Rhode Island St.
Denver: Ray Jones, 376 S. Broadway (9)
Albuquerque: J. Korber & Co., 200 N. 2nd St.
Portland: W. L. May Co., 215 N. W. Park Ave.
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Spokane: Appliance Parts & Service Co., W. 609 Trent.
Distributors:
Reno: Osborne & Dermody, Inc., 253-255 Chestnut St.

APPLIANCE MFG. CO., Alliance, Ohio
(Duchess washers)
Distributors:
Billings: Taylor Distr. Co., 2716 Montana Ave.
Salt Lake City: Flint Distr. Co., 316 W. 2d S. St.
(Duchess & Kelvinator washing machines)
Denver: Savage & Son, 203 Wazee Market
Phoenix: Ralph W. Nixon, P. O. Box 702
Parts only:
Los Angeles: Electrical Appliance Serv. Corp., 726 W. Venice Blvd. Washing Machine Parts Co., 1241 So. Hope St. (15)
San Francisco: Electrical Appl. Service Corp., 1434 Harriet St. Washing Machine Parts Co., 1375 Mission St. (13)
Denver: Ray Jones Washing Machine Parts & Repair Co., 376 S. Broadway (9) Western Appliance Corp., 1147 Broadway (3)
Portland: W. L. May Co., 215 N. Park Ave. (9)
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Phoenix: Electrical Equip. Co., 424 Central Ave.
Spokane: Spokane Washer Co., North 115 Browne
San Diego: Washing Machine Parts Co., 1743 India St.

APPLIANCE SERVICE CO., 1516 E. Lake St., Minneapolis 7, Minn.
(Servicing for General Mills home appliances)
(Tru-heat automatic iron, steam ironing attachment, double automatic toaster)
Service Stations:
Colorado Springs: Modern Service Co., 10 E. Colorado Ave.
Greeley: Herdman Elec. Co., 809 10th St.
Butte: Radio Engineering & Service Inc., 219 W. Park St.
Denver: Western Repair & Electric Co., 1203 California St.; Midwest Elec. Service Co., 1124-26 Santa Fe Drive
Salt Lake City: Appliance Service Center Inc., 57 Richards St.
Seattle: Howell Electric, 522 Union
Spokane: Appliance Parts & Service Co., W. 609 Trent Ave.
Pasco: Electric Appliance Co., 124 N. 4th St.
Tacoma: Ajax Electric Co., 747 Fawcett St.
Portland: Morrison Electric Co., 1206 S. W. Washington
Bakersfield: Urner's Appliance Center 912 21st St.
Fresno: Leonard F. Ballmer, 2430 Stanislaus
Long Beach: Dean & Hoffman, 221 American Ave.
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd.
Sacramento: Lamco Electric, 1415 21st St.
San Diego: J. F. Zwiener Electrical Co., 1242 First Ave.
San Francisco: Electric Appliance Service Co., 1434 Howard St.
Ventura: Louis A. Snow, 230 E. Main St.
Boise: Boise Cyclery, 208 N. 9th St.
Reno: Moltzen & Fitch, 275 S. Virginia
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.
Tucson: Grabe Electric Co., 26 E. Congress St.
Albuquerque: Appliance Service Center, 1903 4th St., N.W.
El Paso: Wayne M. Tinkler Co., 2731 E. Yandell

ARMSTRONG PRODUCTS CORP., Huntington 12, W. Va.
(Ironers, electrical specialties)
Los Angeles: Washing Machine Parts Co., 1241 So. Hope St.; Elec. Appl. Service, 726 W. Venice Blvd.
Portland: W. L. May Co., 215 N.W. Park Ave.
Seattle: Appliance Parts & Service Co., 214 Stewart St.
Denver: Midwest Elec. Service Co., 1124 Santa Fe Drive
San Diego: Elec. Appl. Service Co. of San Diego, 302 17th St.; Washing Machine Parts Co., 1743 India St.
San Francisco: P & D Service Center, 667 Howard St.; Washing Machine Parts Co., 1321 Mission St.

ARTISTIC NEON SIGN CO., 1661 N. Western Ave., Hollywood 27, Calif.

ARVIN INDUSTRIES INC., Columbus, Ind.
(Arvin electric housewares, radio and television)
Service Stations:
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd. (15)
Sacramento: Lamco Electric, 1415 21st St.
San Diego: Electrical Appliance Service Corp., 302 17th St.
San Francisco: Appliance Service Factors, 123 Steuart St. (5)
Denver: Midwest Electric Service Co., 1124-26 Santa Fe Drive (4)
Boise: Boise Cyclery, 208 N. 9th St.
Albuquerque: Willmore Appliance Service Center, 1903 4th St., N. W.
Portland: Morrison Electric Co., 1206 S. Wash. at 12th Ave. (5)
El Paso: Wayne M. Tinkler & Co. Ltd., 2731 E. Yandell
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: Hooper Electric Co., 215 Marion St. (2); A Appliance, 610 Pine St. (22)
Spokane: Spokane Appl. Repair, S. 173 Wall St. (8)
Tacoma: Ajax Electric Co., 747 Fawcett Ave. (3)

ASSOCIATED PRODUCTS INC., 20 S. Ontario St., Toledo 2, Ohio
Service Stations:
Los Angeles: Sterling Service, 929 S. Grand Ave. (15)
San Francisco: Dahl-Beck Electric Co., 586 Howard St.
Butte: Monitor Distributors Inc., 604 Utah St.
Portland: Bressie Electric Co., 909 S.W. 5th Ave.
Spokane: Spokane Appliance Repair, S. 173 Wall St. (8)

ASSOCIATED PROJECTS CO., INC., 157 Marconi Blvd., Columbus, Ohio
(LumiNite. Electric Lighted switch plates, Indicator Lights-Neon lamps)

AUTH ELECTRIC CO. INC., 34-20 45th St., Long Island City 1, N.Y.
(AuthOtone door chimes, signaling systems)
Parts furnished from factory.
Service Stations:
Los Angeles: J. G. Pomeroy Co., 1004 E. 4th St. (13)
San Francisco: George A. Gray Co., 2720 17th St. (10)
Seattle: L. M. Baxter Co., 1016 1st South St. (4)
Portland: L. M. Baxter Co., 1220 S. W. Stark St. (5)

AUTOMATIC ELECTRIC MFG. CO., 10 State St., Mankato, Minn.
Representatives:
Los Angeles: R. B. Clapp Co., 314 Omar Ave. (13)
San Francisco: Ballard Co., 407 Sansome St. (11)
Seattle: Jack E. Way Co., 767 Broad St.

AUTOMATIC WASHER CO., Newton, Iowa
(Laundry Queen, Automatic and Prima washers, ironers, dryers)
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd.; Home Appl. Delivery & Service Inc., 2030 Mateo Place; Washing Machine Parts, 1241 S. Hope St.
San Diego: Electrical Appliance Service Corp., 302 17th St.; Washing Machine Parts Co., 1743 India St.
San Francisco: Electrical Appliance Service Corp., 1434 Howard St.; Washing Machine Parts Co., 45 Rhode Island St.
Denver: Ray Jones, 376 Broadway S.; Niles Washing Machine Supply, 509 14th St.
Portland: W. L. May Co., 215 N. West Park
Salt Lake City: Inter-Mountain Appliance Service, 706 S. State
Seattle: Appliance Parts & Service, 216 Stewart St.
Spokane: Appliance Parts & Service, 609 W. Trent Ave.
Honolulu: Electrical Distributors Ltd., Box 228 (10)

AVCO MFG. CORP.
(See Crosley and Bendix Home Appliance Division)

BABY GRANDE WASHERS (See Dorby Co.)

BAR-BROOK MFG. CO., P.O. Box 6638, Cedar Grove Station, Shreveport, La.
Factory service only.

BARLOW & SEELIG MFG. CO.
(See Speed Queen Corp.)

BARTON CORP., West Bend, Wis.
(Barton electric and gasoline engine washers, gas and electric clothes dryers, electric ironers)
Albuquerque: Zork Hardware Co., 1414 No. 12th St.
Los Angeles: Washing Machine Parts Co., 1241 S. Hope St.
Honolulu: Hawaiian Electric Supply Co., 930 Clayton St.

BASIC PRODUCTS CORP., 215 Lincoln Way W., Mishawaka, Ind.
(Magic refrigerator defrosters and time controls)
Los Angeles: J. E. Shull & Son, 3601 Whittier Blvd. (23)

BAUER MFG. CO., 3121 W. El Segundo Blvd., Hawthorne, Calif.
(Bauer Electric wall and water heaters)
Factory service only.

BEAM MFG. CO., Webster City, Iowa.
(Coronado, Wizard, AMC, Firestone washers)
Factory service only.

BELCO INDUSTRIES INC., 3830 Olive St., St. Louis 8, Mo.
(Belco exhaust, ventilating and window fans)

BENDIX HOME APPLIANCES
(See Crosley and Bendix Home Appliance Division)

BENDIX TELEVISION AND BROADCAST RECEIVER DIV., Bendix Aviation Corp., Baltimore 4, Md.
(Bendix television and radios)
Distributors:
Phoenix: Chic Myers Distributing Co., 1518 E. Van Buren
San Francisco: Pioneer Appliance Co. Inc., Michigan & Alameda St.
Denver: Western Equipment & Engineering Co., 2013 S. Broadway (10)
Great Falls: Montana Electronic Distributors, 213 2nd St. S.
Salt Lake City: John R. Woods Co., 230 S. 4th West
Honolulu: Kilsby Refrigeration Co., 663 Sheridan St. (14)
Service Stations:
Alhambra: Richards TV Radio Service, 2834 W. Valley Blvd.
Long Beach: Signal Radio & TV Inc., 3801 Atlantic Ave.
Montebello: Tip Top TV-Radio, 812 W. Whittier Blvd.
Mount Shasta: Paul's Radio TV Service, 412 Ream
Oakland: Western Electronic Service & Supply Co., 1261 Harrison St.
Riverside: Associated TV Service, 3305 7th St.
Sacramento: Electronic Laboratories, 3960 Sacramento Blvd.
San Luis Obispo: TV Service Co., 341-A Higuera St.
Santa Barbara: American Radio Laboratory, 733 Chapala
Delta: Reid Electronics, 319 Main St.
Denver: Henshall Radio & Appliance, 3495 S. Acoma
Boise: Collins Electronic Engineering Co., 1724 Fairview Ave.
Artesia: Clem Appliance, 408 W. Main
Carlsbad: The Electric Shop, 1011 W. Mevmad
Roswell: Ken's Radio & TV Service, 1139 S. Main St.
Portland: 20th Century Electronics, 2861 N. E. Union Place
Salt Lake City: TV Specialists, 307 E. 21st St. S.
Seattle: Harry's Radio & TV Service, 1250 1st Ave., S.
Spokane: Oren's Radio & Electronics, 1827 E. Sprague Ave.
Tacoma: West Coast TV, 4315 6th Ave.
Yakima: Glovers Radio TV, 8-N 4th Ave.
Laramie: Laramie Electronics, 609B S. 2nd

BERKO ELECTRIC MFG. CORP., 212-40 Jamaica Ave., Queens Village 28, N. Y.
(Space heaters)
Distributors:
San Francisco: Electric Corp. of San Francisco, 145 9th St.
Eugene: Vitus Electric, P. O. Box 1268
Portland: Portland Electric & Plumbing Co., 915 S. W. 16th
Seattle: Peerless Electric Supply, 509 Westlake N.; Stusser Electric Supply, 2246 1st Ave. S.
Spokane: Inland Electric Supply, 812 W. 4th Ave.
Tacoma: Home Electric Co., 2212 A St.

BERNHARDT CO., INC., McDonough, Ga.
Factory service only.

BERSTED MFG. CO
(See McGraw Electric Co.)

BIRTMAN ELEC. CO., 4140 Fullerton, Chicago, Ill.

BLACKSTONE CORP., 1111 Allen St. Ext., Jamestown, N. Y.
(Blackstone home laundry appliances)
Representatives:
Phoenix: Appliance Service Center, 714 S. Central Ave.
Fresno: Mid-Cal Distributors, 1239 F St.
Los Angeles: H. E. Caygill Co., 409 E. 2nd St.; Century Distributors Co., 1335 S. Grand Ave.
San Francisco: Thompson & Holmes Ltd., 650 2nd St.
Denver: K-V Distributing Co., 2308 15th St.
Albuquerque: A. E. Marchiondo, 1718 Lomas Blvd., NE.
Portland: Day-York Distributors, 2182 N. Lewis Ave.
Salt Lake City: S. R. Ross Inc., P. O. Box 1055
Honolulu: D M Distributors, 1232 Kona St.

BLONDER - TONGUE LABORATORIES INC., 526-536 North Ave., Westfield, N. J.
("Masterline" and "Add-A-Unit" Master TV systems, VHF and UHF TV amplifiers and converters, industrial and closed-circuit TV systems)
Factory service, at 1189 McCarter Highway, Newark, N. J.

BORG - WARNER CORP. (See Norge Sales Corp.)

BOSS WASHERS (See Frantz Mfg. Co.)

BRADLEY TOOL AND ENGINEERING, 915 Woodville St., Toledo 5, Ohio
(Buffet Chef Roaster)
Factory service only.

BRAMMER MFG. CO., Davenport, Iowa.
(Birch Living Kitchens)
Representative:
San Francisco: L. M. O'Neill Co., 1355 Market St. (3)

BRANHAN CO., D.C., 1306 3rd St., Berkeley 10, Calif.
(Distributor for Perfection Stove Co. products)

BROILKING APPLIANCES (See International Appl. Corp.)

BROIL-QUIK Appliances
(See Peerless Electric Inc.)

BUFFALO FORGE COMPANY, P. O. Box 985, Buffalo 5, N. Y.
(Small exhaust fans, large ventilating fans, unit heaters, air cond. equip.)
Factory service only.

BURDICK CORP., THE, Milton, Wis.

BURNHAM CORP., Box 351, Zanesville, Ohio
(Burnham electric steam radiators and explosion-proof electric radiators)
Distributors:
San Francisco: Security Plumbing & Supply
Denver: Harry Linch Co.
Portland: Mason Emanuels
Seattle: Mason Emanuels

BURPEE CAN SEALER CO., 128 W. Liberty St., Barrington, Ill.
(Burpee French Fryer; Burpee, Aristo, Lady Price and Handyhot deep fryers and utility cookers)
Factory service only

CBS-COLUMBIA, 3400 47th Ave., Long Island City 1, N. Y.
(Radio and TV)
Distributors:
Los Angeles: Quality Distributors Inc., 2545 S. Yates
San Francisco: McCormack Corp., 1355 Market St.
Denver: Hendrie & Bolthoff, 1635 16th St.
Portland: Ry-Bar Distributors, 1315 N. W. Glisan.

CABLE ELECTRIC PRODUCTS INC., 234 Dabell St., Providence 7, R.I.
(Melody bells and buzzers; Snapit chimes and transformers, cord sets, wiring devices)
Representatives:
Los Angeles: Frank H. Bran Co., 607 E. 6th St. (21)
San Francisco: L & H Sales, 2767 21st St. (10)
Denver: Allen B. Carpenter Co., 820 12th St. (4)
Portland: Vic Paul Co., 428 N.W. 16th Ave.
Warehouse:
Los Angeles: 607 E. 6th St.
San Francisco: 2767 21st St. (10)
Portland: 428 N. W. 16th Ave. (9)

CADILLAC ELECTRIC VACUUM CLEANER (See Clements Mfg. Co.)

CALBEST ENG. & ELECTRONICS CO., 626 N. Highland Ave., Hollywood 38, Calif.
(Radio and TV)
Factory service only

CALIFORNIA DESIGN MFG. CORP., 10818 Santa Monica Blvd., Los Angeles 25, Calif.
Factory service only.

CALKINS APPL. CO., Niles, Mich.

CAMFIELD MFG. CO., Grand Haven, Mich.
(Blue Ribbon Fri-Cook, power mix, knife & scissors sharpener, Toast-Maid, Coffee-Maid, Deep-Fri-Skillet, Electric Fri-Pan)
Service Stations:
Phoenix: Vinson-Carter Electric Co., 329 N. 4th St.
Long Beach: Calif. Electric Serv. Inc., 1407 E. 4th St.
Los Angeles: Calif. Electric Serv. Inc., 832 S. Alvarado St. (3); Western States Electric Serv. Co., 5707 Santa Monica Blvd.
Oakland: Calif. Electric Serv. Inc., 1246 E. 14th St.
Pasadena: Calif. Electric Serv. Inc., 2582 E. Colorado Blvd.
Sacramento: Lamco Electric, 1415 21st St.
San Diego: Electrical Appliance Serv. Corp., 302 17th St. (2)
San Francisco: Calif. Electric Serv. Inc., 168 1st St.
Denver: Midwest Electric Service Co., 1124-26 Santa Fe Drive (4)
Boise: Boise Cyclery, 208 N. 9th St.
Albuquerque: Appliance Service Center, 1903 4th Ave., N.W.
Portland: Bressie Electric Co., 909 S. W. 5th Ave.
Seattle: J. M. Hooper Electric Co., 215 Marion St.
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave. (8)
Tacoma: Ajax Electric Co., 747 Fawcette Ave.
El Paso: Wayne M. Tinkler Co. Ltd., 2731 Yandell East
Salt Lake City: Appliance Service Center, 57 Richard St. (1)

CANTON CLOTHES DRYER CO., 368 Hillman Bldg., Canton, Ohio
(Canton clothes dryer)
Factory service only.

CAPEHART - FARNSWORTH CORP., Div. of International Telephone & Telegraph Corp., 3700 E. Pontiac, Fort Wayne 1, Ind.
(Capehart radio and television)
Distributors:
Los Angeles: Rogers & Wood Co., 2500 W. 6th St. Bldg.
San Francisco: The Thomson-Diggs Co., 424 Townsend St.
Boise: S. R. Ross Inc., 418 N. Orchard
Helena: D. N. Latus & Co., 1531 National Ave.
Portland: Wholesale Supply Inc., 239 E. Burnside St. (14)
Salt Lake City: S. R. Ross Inc., 1212 S. State St. (4)
Seattle: Seattle Radio Supply Inc., 2117 Second Ave. (1)
Honolulu: Hawaii Piano Co., 1291-95 Kapiolani Blvd.

CARRIER CORP., 300 S. Geddes St., Syracuse, N. Y.
(Conduit Weathermaster system; self-contained, conversion, commercial, system, zoning, year-round home Weathermakers; Carrier Roomette; MIRA-Cool, Panelair & Payne; Bryant, Command-Aire; Day & Night, Refreshair, Panelray)
Branch Offices:
Phoenix: 114 W. Adams St.
Los Angeles: 5530 Harbor St.
San Francisco: 900 Tennessee St.
Denver: 1159 Stout St.
Portland: S. E. Grand at Morrison

CASCO PRODUCTS CORP., Bridgeport 2, Conn.
(Casco steam and dry irons, electric heating pads, power tools)
Service Stations:
Los Angeles: J. & S. Co., 4356 W. 3rd St. (5)
San Diego: J. F. Zwiener Electrical Co., 1242 First Ave. (1)
San Francisco: Appliance Service Factors, 123 Steuart St.
Denver: Western Repair & Electric Co., 1203 California St.
Albuquerque: Wellmore Appliance Service Center, 1903 4th St., N.W.
Portland: Bressie Electric Co., 909 S. W. 5th Ave. (4)
Salt Lake City: Appliance Service Center Inc., 57 Richards St. (1)
Seattle: A. Appliance Co., 610 E. Pine St. (22)
Spokane: Spokane Appliance Repair, S. 173 Wall St. (8)
Tacoma: Ajax Electric Co., 747 Fawcett St.
Honolulu: Hawaiian Electric Supply Co., 930 Clayton St.

CASS WASHERS (See Whirlpool Corp.)

CENTURY PRODUCT WORKS INC., 503-507 W. 56th St., New York 19, N.Y.
Service Stations:
Los Angeles: *Len Narvey Appl. Rep., 8580 W. Pico Blvd.; Electric Lighting Supply Co., 216 W. Third St.
Sacramento: *Remington's Electric Service, 2320 21st St.
San Diego: J. F. Zwiener Electric Co., 1242 First Ave.
San Francisco: *Appliance Service Factors, 123 Steuart St.
San Jose: D & S Repair Service, 402 W. Santa Clara St.
Portland: *Bressie Electric Co., 909 S.W. Fifth Ave. (4)
*Authorized

CHAMPION LAMP WORKS, 600 Broad St., Lynn, Mass.
Offices and Warehouses:
Los Angeles: 326 S. San Pedro St. (13)
San Francisco: 325 9th St. (3)

CHELSEA FAN & BLOWER CO. INC., 639 South Ave., Plainfield, N. J.
(Chelsea fans and blowers, PowerLine fans, Octopus blowers and exhausters)
Factory service only

CHICAGO DRYER CO., 2210 N. Pulaski Rd., Chicago 39, Ill.
(Chicago end loading and cylinder washers, extractors, flatwork ironers, tumbler dryers—for institutions and store laundries)
Distributors in principal cities

CHICAGO ELECTRIC DIVISION of the SILEX CO., 6333 W. 65th St., Chicago 38, Ill.
(Handyhot and Sterling appliances)
Service stations:
Long Beach: California Electric Service Inc., 1407 E. 4th St.
Los Angeles: California Electric Service Inc., 832 S. Alvarado St. (5); Western States Electric Service Co., 5707 Santa Monica Blvd. (38)
Pasadena: California Electric Service Inc., 2582 E. Colorado St. (8)
San Francisco: Byington Elec. Co., 1809 Fillmore St. (15)
Denver: Midwest Elec. Service Co., 1126 Santa Fe Drive
Portland: Bressie Elec. Co., 909 S. W. 5th St. (4)
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Butte: Radio Engineering & Service Co., 219 W. Park St.
Albuquerque: Appliance Service Center, 1903 4th St., N.W.
Seattle: J. M. Hooper Electric Co., 215 Marion St. (4)
El Paso: Wayne M. Tinkler & Co. Inc., 2731 E. Yandell
Honolulu: W. A. Ramsey Ltd., P.O. Box 1721

CHICAGO ELECTRIC DIVISION of the SILEX CO., National-White Cross Div., 6333 W. 65th St., Chicago 38, Ill.
(White Cross and National waffle irons, sandwich toasters, washers, wringers, flat irons, fans, heating pads, mixorblends, frost controls, hot plates)
Service Stations:
Long Beach: California Electric Service Inc., 1407 E. 4th St.
Los Angeles: California Elec. Service Inc., 832 S. Alvarado St. (5); Western States Electric Service Co., 5707 Santa Monica Blvd. (38)
Pasadena: California Electric Service Inc., 2582 E. Colorado St. (8)
San Francisco: Byington Elec. Co., 1809 Fillmore St. (15)
Denver: Midwest Electric Service Co., 1126 Santa Fe Drive
Butte: Radio Eng. & Serv., 219 W. Park St.
Albuquerque: Appliance Service Center, 1903 4th St., N.W.
Portland: Bressie Electric Co., 909 S.W. Fifth St. (4)
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Seattle: J. M. Hooper Electric Co., 215 Marion St. (4)
Honolulu: W. A. Ramsey Ltd., P. O. Box 1721 (6)

CHICAGO FLEXIBLE SHAFT CO. (See Sunbeam Corp.)

CHROMALOX UNITS
(See Wiegand Co.)
Ranges Chromalox-equipped:
A-B, AMC, Admiral, Coolerator, Coronado, Crosley, Crown, Dearborn Beautyrange, Enterprise, Firestone, Frugal, Gibson, Glenwood, Globe-American, Home Comfort, Jamestown Kitchens, Kelvinator, Kenmore, Leonard, Magee, Magic Chef, Marion, Martha Washington, Meynell, Modern Maid, Monarch, Montgomery Ward, Norge, Odin, Perfection, Royal, Ryan, Spiegel, State, Supreme, Tappan, Wagoner, Welbilt

CHURNS—GEM DANDY Electric Butter
(See Alabama Mfg. Co.)

CLEMENTS MFG. CO., 6650 S. Narragansett Ave., Chicago (38), Ill.
(Cadillac elec. vacuum cleaner, portable electric blowers)
Portland: Vacuum Cleaner Specialists, Inc., 18 N. W. 4th Ave. (9)
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Los Angeles: Jesse M. Few, 1515 W. 7th St. (14)
San Francisco: Noel Vacuum Cleaner Co., 523 Valencia St.
Sacramento: Remington's Vacuum Cleaner Center, 2320 21st St.
Honolulu: Service Motor Co. Ltd., 89-91 S. King St.

CLEVELAND HEATER CO., THE, 2310 Superior Ave., Cleveland 14, Ohio
(Electric water heaters)
Factory service only

COIN-O-VISION, 828 N. Highland, Hollywood 38, Calif.

COLDSPOT REFRIGERATORS
(See Seeger Ref. Co.)

COLLINS CONCRETE & STEEL PIPE CO., 3841 N. Columbia Blvd., Portland (17), Ore.
(Collins and Watermaster elec. water heaters)
Factory service or local dealers only on parts. Defective parts, one year old or less, should be returned with order, accompanied by serial No., owner's name and date of installation.

COLLMAN MFG. CORP., 421 W. 12th St., Erie, Pa.

COLONIAL-PREMIER CO., 466 W. Superior St., Chicago 10, Ill.
(Beauty-plus lamps and shades, wallettes, and smokers)
Parts from factory only.

COLUMBIA ELEC. & MFG. CO., W. 1024 Ide Ave., Spokane 5, Wash.

COLUMBIA ELECTRIC WATER HEATERS (See Nat'l Steel Construction Co.)

CONLON BROS. MFG. CO.
(See The Frantz Mfg. Co.)

CONLON-MOORE CORP., 1896-1828 S. 52nd Ave., Chicago 50, Ill.
Parts Distributors:
Berkeley: Arthur C. Maryon Co., 480 Kentucky Ave.

Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd.; George H. Williams Co., 5600 Tuxedo Terrace (28); Washing Machine Parts Co., 1241 S. Hope St.
Oakland: Electrical Appl. Service Corp., 4238 Broadway; Yates Factory Service, 1590 E. 34th St.
Sacramento: Electrical Appl. Service Corp., 1626 N. C St.
San Diego: Washing Machine Parts Co., 1743 India St.; Electrical Appl. Service Corp., 302 17th St.
San Francisco: Electrical Appl. Service Corp., 1434 Howard St. (3); Washing Machine Parts Co., 45 Rhode Island St.
Denver: Ray Jones, 376 S. Broadway
Butte: Montana Power Co., P.O. Box 1338
Great Falls: Great Falls Paper Co., 600 Second St. S.
Portland: W. L. May Co., 215 N. W. Park Ave. (9)
Logan: Montrose's, 33 Federal Ave.
Salt Lake City: A-1 Master Electric, 208 E. 5th South
Longview: Custer's Washing Machine Parts, 1149 Commerce Ave.
Seattle: Appliance Parts & Service Co., 216 Stewart St.; Robinson Dist. Corp., 3129 Western Ave. (1).
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave. (8)
Honolulu: Hawaiian Electric Co. Ltd.

CONNECTICUT APPLIANCE CO., Winsted, Conn. (Subsidiary of Son-Chief Electrics, Inc.)
(Coronet appliances)
Service Stations:
Seattle: J. M. Hooper Electric Co., 222 Marion St.
Portland: Morrison Electric Co., S.W. Washington at 13th
Los Angeles: California Electric Service Station, 832 S. Alvarado St.
San Francisco: P. & D. Appliance, 1414 34th Ave.
Denver: Midwest Elec. Service Co., 1124-26 Santa Fe Drive
Amarillo: Panhandle Appl. Service, 407 No. Fillmore

CONNECTICUT CLOCKS
(See Ingersoll Div.)

CONNOR ENG. CORP., Danbury, Conn.

CONRAC INC., Glendora, Calif.
(Conrac Television receivers)
Factory service only.

CONTINENTAL ELEC. CO., 715 Hamilton St., Geneva, Ill.
(Cetron Tubes & Electronic Specialties)
Western representatives:
Gardena, Calif.: Alfred W. Harris, Western Electronic Enterprises, 3348 W. Compton Blvd. (for California)
Seattle: C. B. Parsons & Co., 115 Belmont Ave. No. (for Washington and Oregon.)
Also service at factory

COOLERATOR CO., Duluth 1, Minn.
(Electric refrigerators, ranges, room air conditioners, upright freezers and chest-type freezers)
Distributors:
Los Angeles: Century Distributing Co., 1335 S. Grand Ave.
San Diego: Thomas Distributing Co. Inc., 1002 W. Juniper St.
San Francisco: Pioneer Appliance Co., Inc., 1355 Market St. (1)
Portland: Schafer-Wright Inc., 1233 N.W. 12th Ave.
Seattle: Seattle Radio & Supply Inc., 2117 2d Ave. (1)
Spokane: True's Dist. Co., N. 730 Hamilton
Salt Lake City: Glenn Earl Inc., 245 So. 1st West
Phoenix: Albert Mathias Co., 305 So. 2nd Ave.
Billings: Kelley - How - Thomson Co., 2723 Minnesota Ave.
Albuquerque: Albert Mathias Co., 315 No. Broadway
El Paso: Albert Mathias Co., 115 S. Mesa (1)

CORNING GLASS WORKS, Corning, N. Y. Branch office, 1355 Market St., San Francisco, Calif.

CORONET APPLIANCES
(See Connecticut Appliance Co.)

CORY CORP., 221 N. LaSalle St., Chicago 1, Ill.
Service Stations:
Phoenix: Electroneering Co., 1700 W. Elm Drive
Prescott: Yavapai Electric Co.
Tucson: Russell Electric Co., 1111 N. 12th St.
Bakersfield: *Urner's Appliance Center; Whitey's Refrigeration & Heating, 2800 Brundage Lane
Fresno: L. F. Ballmer, 2430 Stanislaus
Holtsville: Browning Electric Co., 538 Holt Ave.
Los Angeles: *Electrical Appliance Service Corp., 726 Venice Blvd.; **Electrical Appliance Service Corp., 2828 Newe'l St.; The Electrical Appliance Service Co., 726 Venice Blvd.; Sterling Service, 927 S. Grand Ave.
Modesto: L. W. Zimmerman Co., 819 11th St.
Palm Springs: Bonnie Electric Appliance Service, 190 N. Indian Road
Sacramento: Lam-Co Electric, 1415 21st St.
San Bernardino: Mel Dennett Electric Co.
San Diego: Electrical Appliance Service Co., 302 17th St.
San Francisco: **Coffee Equipment Service Co., 282 6th St.; H. C. Johnson Electric, 443 Valencia St.
San Luis Obispo: Campbell's Refrigeration Co., 532 Higuera St.
Santa Barbara: Appliance Service Center, 320 W. Carrillo St.
Denver: Hawkins Electric Co., 716 18th St.; **Midwest Electric Service Co., 1124-26 Santa Fe Drive
Moscow: Moscow Electrical Co., 203 S. Main St.
Twin Falls: Electric Service Co., 233 2nd Ave. E.
Billings: Billings Electric Supply Co., 214 N. 30th St.
Helena: Allen Electric
Kalispell: Miller & Ford Electric Co., 19 E. 2nd St.
Lewistown: Steve's Radio Shop
Missoula: City Electric Co., 227 S. Fort
Albuquerque: Appliance Service Center, 1903 4th St., N. W.
Clovis: Maytag Electric Shop, 110 Main St.
Astoria: Aladdin Electric Co., 211 W. Bond St.
Coos Bay: Chambers Heating Inc., 282 S. 2nd St.
Eugene: Suro System, 347½ W. 5th St.
Klamath Falls: Leach Service, 123 So. 6th St.
La Grande: Vaughan's Electric, 1117 Adams St.
Medford: Trowbridge & Flynn Elec., 214 W. Main St.
Portland: Bee Electric Service, 28 N. W. 10th Ave.; Bressie Electric Co., 909 S. W. 5th Ave.
Roseburg: Du Fresne Electric, 304 N. Main St.
Salem: Marion Electric Co., 2697 Portland Road.
Salt Lake City: Appliance Service Center, 57 Richards St.
Bellingham: Bargreen & Von Bargen, 1204 Railroad Ave.
Bremerton: King Electric Co., 509 Sheldon Blvd.
Chehalis: Coastal Refrigeration Co., 1075-1083 Market St.
Everett: The Willingham Elec. Co., 1209½ Hewitt Ave.
Longview: Nelson Electric Co., 1153 Commerce St.
Olympia: Lassen Electric Service, 111 N. Columbia.
Pasco: Neon Electric Service Co., 124 N. 4th St.
Port Angeles: Olympic Electric Co., 501 S. Lincoln St.
Seattle: J. M. Hooper Electric Co., 215 Marion St.
Spokane: Spokane Appliance Repair, S. 175 Wall St.
Tacoma: Ajax Electric Co., 747 Fawcett Ave.
Walla Walla: Appliance Services, Inc., 113 W. Adler St.
Honolulu: Hawaiian Electric Co.
*No facilities for outside service calls.
**Services restaurant and commercial equipment only.

CROSLEY & BENDIX HOME APPLIANCES DIVISION, Avco Mfg. Corp., Cincinnati 25, Ohio
(Crosley television and radio, refrigerators, freezers, ranges, dishwashers, hot water heaters, disposers and kitchens, Bendix kitchen and laundry appliances)
Distributors handling repairs parts and doing servicing:
Tucson: Appliance Distributors, 204 So. Park Ave.; P.O. Box 1470
Phoenix: Appliance Distributors, 213 S. 11th St., P. O. Box 6283
San Francisco: California Elec. Supply Co., 1585 Folsom St. (8)
Los Angeles: J. N. Ceazan Co., 3535 S. Broadway (7)
San Diego: J. N. Ceazan Co., 1945 E. Harbor Dr. (13)
Denver: Larson Distributing Co., 400 Quivas St.
Billings: Meyers-Taube Co. of Montana, 11 N. 17th St.
Portland: Robert L. Rice Co., 2900 N.W. 29th Ave. (10)
Salt Lake City: Walter B. Lloyd Co., 51 S. 2nd West
Seattle: Carter-Johnson Inc., 4747 25th St., N.E. (4)
Spokane: General Distributors, Inc., 124 E. Trent Ave.
Honolulu: Theo. H. Davies & Co. Ltd., P. O. Box 3020 (2)

DEARBORN STOVE CO., 1700 W. Commerce, Dallas, Tex.
(Dearborn appliances)
Factory service only

DEEPFREEZE APPLIANCE DIV., MOTOR PROD. CORP., 2301 Davis St., N. Chicago, Ill.
(Deepfreeze home freezers, refrigerators, air conditioners, room air conditioners, packaging materials)
Distributors:
Phoenix: Al Jennings Co., 607 W. Washington St.
Los Angeles: Radio Television Supply Co., 341 W. 18th St.
San Francisco: Frank Edwards Co. Inc., 382 6th St.
Denver: Public Distributing Co., 1520 Wazee St.
Billings: Heald Supply Co., 3008 1st Ave. N.
Portland: North Coast Electric Co., 625 N. W. Everett St.
El Paso: Crouch Appliance Co., 1301 Texas St.
Salt Lake City: Associated Merchandisers Inc., 328 W. 2nd South
Seattle: Schwabacher Hdw. Co., 401 First Ave., S.
Spokane: Tubbs Electric Co., 165 So. Post St.
Honolulu: Hawaiian Wholesale Factors, P. O. Box 1974.

DELCO APPL. DIV., GENERAL MOTORS, 391 Lyell Ave., Rochester, N. Y.
(Delco-Heat automatic home heating equipment and Delco water systems)
Pacific Region: John Hansler, manager, 13626 Main St., Bellevue, Wash.
Service rendered by authorized dealers.

DELTA ELEC. CO., 33rd and Nebraska, Marion, Ind.
(Electric lanterns, bicycle headlights, taillights, horns, generators)

DELUXE VACUUM CLEANERS
(See Ohio Elec. Co.)

DETROIT MICHIGAN STOVE CO., P. O. Box 2059, Detroit, Mich.
Factory service only.

DEXTER CO., Fairfield, Iowa.
Service station:
Denver: Ray Jones, 376 Broadway (9)

DeWALD RADIO MFG. CORP., 35-15 37th Ave., Long Island City, N. Y.
(DeWald TV and Radios)
Factory service only.

DOMESTIC SEWING MACHINES CO., Cleveland 1, Ohio
Distributors:
Phoenix: Sierra S. M. Co., 2942 N. 16th St.
Los Angeles: Primanti Sewing Machine Co., 3008 E. Olympic Blvd. (23)
San Francisco: Pacific Wholesale Co., 1850 Mission St. (3)
Denver: Walter Slagle & Co., 725 S. Broadway (9)
Salt Lake City: ZCMI Wholesale Distributors, P. O. Box 1109, 1665 Bennett Road (10)
Seattle: Sewing Machine Service Co., 315 Main, Renton, Wash.

DOMINION ELECTRIC CORP., 120 N. Elm St., Mansfield, Ohio
Service Stations:
Los Angeles: J & S Co., 4356 W. 3rd St.
San Diego: J. F. Zwiener Electrical Co., 1242 First Ave. (1)
San Francisco: Appliance Service Factors, 123 Steuart St. (5)
Portland: Morrison Electric Co., 1206 S. W. Washington at 12th
El Paso: Wayne Tinkler Co., 2731 E. Yandall St.
Seattle: J. M. Hooper Electric Co., 215 Marion St.
Spokane: Appliance Parts and Service Co., 609 W. Trent Ave.
Salt Lake City: Intermountain Appliance Service, 708 S. State St.

DORBY CO., Division of Grand Sheet Metal Products Co., Merchandise Mart, Chicago 54, Ill.
(Dorby electric mixer, Master Grande electric washer, Waldorf mixing set, Vidrio electric mixer and hair dryer)
Service Stations:
Los Angeles: Western States Electric Service Co., 5707 Santa Monica Blvd. (38)
San Francisco: Appliance Service Factors, 123 Steuart St. (5)

DORMEYER CORP., Kingsbury and Huron Sts., Chicago 10, Ill.
(Electric Food Fixer, Meal Maker, Fri-Well, Blender, Toastmaker, Dormey, Broil-Well and power tools)
Service Stations:
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.
Long Beach: California Electric Service Inc., 1407 E. 4th St.
Los Angeles: California Electric Service Inc., 832 S. Alvarado St. (5); Western States Electric Service Co., 5707 Santa Monica.
Oakland: California Electric Service Inc., 1246 E. 14th St.
Pasadena: California Electric Service Inc., 2594 E. Colorado St.
San Francisco: California Electric Service Inc., 168 First St.
Sacramento: Lameo Electric, 1415 21st St.
San Diego: Electrical Appl. Service Corp., 302 17th St. (2)
Denver: Midwest Electric Wiring Co., 1126 Santa Fe Drive (4)
Boise: Boise Cyclery, 208 N. 9th St.
Albuquerque: Appliance Service Center, 1903 4th St., N. W.
Portland: Bressie Electric Co., 909 S.W. 5th Ave.
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Seattle: J. M. Hooper Electric Co., 215 Marion St.
Spokane: Appliance Parts and Service, 609 W. Trent
Tacoma: Ajax Electric Co., 747 Fawcett St.

DOVER MFG. CO., 524 River St., Dover, Ohio.

DUCHESS WASHERS
(See Appliance Mfg. Co.)

DuKANE CORP., St. Charles, Ill. (Formerly Operadio Mfg. Co.)
(Flexifone intercoms, DuKane sound systems)
Distributors:
Phoenix: Kelton Audio Equipment Co. Inc., 812 N. First St.
Tucson: Kelton Audio Equipment Co., 33 S. 5th Ave.
Bakersfield: Valley Radio Supply, 716 Baker St.; Associated Radio & TV Service, 2009 Niles St.
El Centro: Ainza & Huffman, 1123 W. Main St.
El Monte: Audio Supply Co., 2119 N. Rosemead Blvd.
Fresno: Valley Sound, 2126 W. Hammond

Long Beach: K. T. Electronics, 1885 Atlantic Blvd.
Los Angeles: Douglas Roesch Inc., 2200 S. Figueroa (7)
Redding: Service Shop, 1553 Pine St.
San Diego: Communications Co., 433 G St.
San Francisco: A. B. Loudermilk Co., 1539 Folsom St. (3)
Stockton: Quality Sound Service, 1217 N. Wilson Way
Ventura: Louis A. Snow, 230 E. Main
Colorado Springs: George Doty, 432 S. Tejon St.; L. B. Walker, 324½ N. Tejon.
Denver: Denver Sound Specialists Inc., 605 14th St.; Wicht Radio & Sound, 433 E. 17th Ave.
Pueblo: L. B. Walker Radio Co., 109 N. Victory St.
Boise: Radio & TV Service, 3505 Sycamore Drive
Lewiston: Morrow Radio & TV Service, 715 D St.
Reno: Art Rempel Sound Supply Co., 460 Wells Ave.
Eugene: Smeed Sound Service, 458 W. 15th Ave.
Salem: Universal Sound Corp., 998 N. Capitol St.; Sun Radio & Electronics Co., 1631 N. E. Broadway
Ogden: Ray's Electronic Service, P. O. Box 1067
Seattle: Signal Equipment Co., 2706 3rd Ave.
Spokane: Roy R. White Sound, W. 908 1st St.
Tacoma: Wible Radio Supply, 2360 S. Fawcett Ave.
Yakima: William Hassell, 417 W. Yakima Ave.
Cheyenne: Houge Radio & Supply Co., 4012 Central Ave.

DULANE INC.
(See Nesco Inc.)

DUOLECTRIC STEAM IRON
(See Silex Co.)

DUO-THERM DIVISION, Motor Wheel Corp., Lansing 3, Mich.
Distributors:
Phoenix: A. & R. Distributing Co., 529 S. Central Ave.
Los Angeles: Motor Rim & Wheel Service of Calif., 2860-2870 E. Pico Blvd. (23)
San Francisco: Motor Rim & Wheel Service of Calif., 3075 17th St. at Folsom (10)
Denver: Larson Distributing Co., 400 Quivas St.
Boise: General Appliance Corp., 414 S. 9th
Billings: Kelley - How - Thomson Co., 2723 Minnesota Ave.
Portland: Electrical Distributing Inc., 140 N. W. 14th St. (9)
Salt Lake City: General Appliance Corp., 341 Rio Grande St.
Seattle: Seattle Hardware Co., 501 First Ave., S. (14)
Spokane: Jensen-Byrd Co., 310-324 Riverside Ave. (10)

DURABILT APPL. (See Winsted Hdwe. Mfg. Co.)

DURO-TEST CORP., 444 Market St., San Francisco, Calif.
(Fluorescent fixtures and lamps)
Service Stations:
Los Angeles: Room 500, 607 S. Hill St. (14)
Oakland: 1615 Broadway
San Diego: Room 722, Bank of America Bldg.
Denver: 965 Gas & Electric Bldg.
Billings: Suite 13, 107 N. 27th St.
Portland: 614 Medical Arts Bldg.
Salt Lake City: 212 Beason Bldg.
Seattle: 4107 Arcade Bldg.

EASY WASHING MACHINE
Division of Murray Corp. of America, Syracuse 1, N. Y.
Branch Office: 1355 Market St. San Francisco 3, Calif.
(Easy Automatic & Spindrier washers, Easy clothes dryer, gas and electric)
Distributors:
Denver: Walter Siagle & Co., 725 Broadway
Spokane: Inland Empire Wholesalers, 110 S. Wall St.
Phoenix: Graybar Elec. Co., 434 W. Madison St.
Billings: Midland Dist. Co., P. O. Box 1154
Salt Lake City: ZCMI, 1665 Bennett Road
El Paso: Momsen - Dunnegan - Ryan Co., P. O. Box 240
Reno: Osborne-Dermody Inc., 253 Chestnut St.
Albuquerque: Momsen-Dunnegan-Ryan Co.
Service Stations:
Phoenix: Central Washer Service, 241 S. Central
Denver: Ray Jones Washing Machine Co., 376 S. Broadway
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave.
Portland: W. L. May Co., 215 N. Park St.
Berkeley: Home Appl. Service Co., 2318 Shattuck Ave.
Long Beach: Home Appliance Service Co., 2100 E. 4th St.
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd.; Washing Machine Parts Co., 1241 S. Hope St.
Sacramento: Electric Appliance Service Co., 1626 N. C St.
San Diego: Electric Appliance Service Co., 302 17th St.; Washing Machine Parts Co., 1743 India St.
San Francisco: Washing Machine Parts Co., 45 Rhode Island St.; Electrical Appl. Service Co., 1434 Howard St.
Honolulu: Service Motor Co. Ltd., c/o Easy Appliance Co., 91 S. King St.

EBCO MFG. CO., 265 N. Hamilton Road, Columbus 13, Ohio.
(Oasis Air Drier)
Distributors:
Bakersfield: Gough Industries, 3125 Jewett Ave.
Fresno: Dallman Co., 414 P St.; Electrical Suppliers Inc., 220 M St.
Long Beach: Allied Refrigeration, 1209 Gaviota Ave.
Los Angeles: Gough Industries, 819 E. 1st St.
Modesto: Wille Electric Supply Co., 1016 G St.
Oakland: Dallman Co., 2103 E. 12th St.
Sacramento: Dallman Co., 6th & Q Sts.
San Bernardino: Gough Industries, Highway 99 & E St.; San Bernardino Pipe & Supply Co., 939 Colton Ave.
San Diego: Allied Refrigeration Co., 705 14th St.; Gough Industries, 5252 Landon St.
San Francisco: Dallman Co., 685 7th St. (7)
Denver: W. H. Connors Co., 375 Birch St.
Las Vegas: Allied Refrigeration Co., 308 E. Charleston
Portland: Refrigeration & Power Specialties Co., 1134 S. E. Stark St.; Portland Electric & Plumbing Co., 905 S. W. 16th Ave.
Seattle: Refrigeration Engineering Co., 2120 Second Ave. (1)
Spokane: A. B. Hess Co., W. 612 2nd St.
Honolulu: Heide & Cook Ltd., 2026 Kalani St.
(Oasis electric water cooler)
Distributors:
Phoenix: Arizona Hdwe. Co., 1st & Jackson St.; Gough Industries, 221 S. 9th Ave.; Phoenix Pipe & Supply Co., 1755 S. Central Ave.
Tucson: Appliance Distributors, 204 S. Park Ave.; Arizona Hardware Co., 119 N. Stone Ave.
Bakersfield: Gough Industries, 3125 Jewett Ave.
Brawley: Triple A Water Co., 522 I St.
El Centro: Allied Refrigeration Co., 1248 State St.
Fresno: Dallman Co., 414 P St.; Electrical Suppliers Inc., 220 M St.
Long Beach: Allied Refrigeration, 1209 Gaviota Ave. (4); Gough Industries, 828 W. Anaheim
Los Angeles: Arrow-Risco Inc., 237 W. 32nd St.; Gough Industries, 819 E. 1st St.
Modesto: Wille Electric Supply Co., 1016 G St.
Oakland: Dallman Co., 2103 E. 12th St.; Gilson Supply Co., 1148 E. 18th St.; Fox Water, 675 37th St.
Sacramento: Dallman Co., 6th & Q Sts.
San Bernardino: Allied Refrigeration Co., 166 N. F St.; Gough Industries, Highway 99 & E St.; San Bernardino Pipe & Supply Co., 939 Colton Ave.
San Carlos: Black Mountain Spring Water Co., 800 Alameda de las Pulgas
San Diego: Allied Refrigeration, 705 14th St.; Gough Industries, 5252 Landon St.; Industries Supply Co., 4th Ave. & J St.
San Francisco: Dallman Co., 687 7th St. (7); Refrigerating & Power Specialties Co., 380 Brannon St.; San Francisco Mountain Spring Water Co., 930 Oakdale Ave.; Water Filters Consolidated, 1806 Market St.
Santa Barbara: Familian Pipe & Supply Co., 9430 Raye
Stockton: Refrigeration & Power Spec. Co., 1258 Union St.
Vallejo: Rodgers Bottling Co., 1243 Florida St.
Colorado Springs: Colorado Springs Supply Co., 121 W. Cucharras
Denver: Carson Hotel Supply Co., 1301 Wazee St.; Central Electric Supply, 1201 Welton; W. H. Connors Co., 375 Birch St.; Ben Cook Plumbing Supply Co., 24th & Blade St.; Deep Rock Water Co., 614 27th St.; McCombs Supply Co., P. O. Box 5304.
Pueblo: Clark Mineral Water Co., 319 Clark St.; J. F. Dammann Supply Co., 500 W. 3rd St.
Billings: Midland Implement Co., 2303 Montana Ave.
Missoula: Modern Plumbing & Building Supplies, 900 W. Broadway
Las Vegas: Allied Refrigeration Co., 308 E. Charleston
Albuquerque: Albuquerque Lumber Co., 501 N. 1st St.; McCombs Refrigeration Co., 233 N. 1st St.; Goff Ball Hotel Supply Co., 610 4th St. N. W.
Silver City: E. Cosgrove Co., P. O. Box 560.
Portland: Refrigeration & Power Specialties Co., 1134 S. E. Stark St.; Portland Electric & Plumbing Co., 905 S. W. 16th Ave.
Ogden: George W. Goddard Co., 24th & Wall Ave.
Salt Lake City: Mt. Olympus Spring Water Co., 1314 S. 5th St. E.; Restaurant & Stores Equipment Co., 136 S. W. Temple; Strevell Paterson Hardware Co., 126 S. W. Temple St.
Seattle: Refrigeration Engineering Co., 2120 2nd Ave. (1); Refrigeration & Power Specialties Co., 353 Harrison (9); West Coast Paper Co., 414 Holgate St.
Spokane: A. B. Hess Co., W. 612 2nd St.
Cheyenne: Rock Crest Water Co., 1115 Talbot St.
Honolulu: Heide & Cooke Ltd., 2026 Kalani St.

EDISON GENERAL ELECTRIC APPL. CO. (See Hotpoint Co.)

EDWARDS CO. INC., Norwalk, Conn.
(Adaptabel, Adaptahorn, Lokator paging system, Flush call line, Synchromatic clocks, Edwards home fire alarm)
Edwards sales offices:
Denver: Harry F. Ream, 1028 Champa St. (4)
Los Angeles: R. S. Edwards Jr., 2500 W. 6th St. (57)
Sacramento: J. L. Hursh, 1331 T St. (14)
San Francisco: R. Vaill, 617 7th St. (3)
Seattle: F. A. Strohecker, 2207 First Ave. S. (4)
Spokane: Elmer Johnston, 209 Hyde Bldg.
Portland: D. A. King, 220 Regal Bldg., 1220 S.W. Stark St.

ELECTRESTEEM PRODUCTS (See Electric Steam Radiator Corp.)

ELECTRIC DEODORIZER CORP., 9993 Broadstreet, Detroit 4, Mich.
(Electric deodorizer for homes and factories and "EDCO" delayed action light switches for home, farm and industry)

ELECTRIC HEATER CO., 45 Seymour St., Stratford, Conn.
(Hubbell electric water heater)
Factory service only.

ELECTRIC HOUSEHOLD UTILITIES CORP. (See Thor Corp.)

ELECTRIC SPRAYIT DIV., Thomas Industries Inc., Sheboygan, Wis.
(Air compressors and paint spraying equipment)
Service:
Los Angeles: Electric Sprayit — Western branch, c/o Star Lighting Fixture Div., Thomas Industries Inc.; 3431 E. Olympic Blvd.
Seattle: Pacific Northwest Dist., 2405 First Ave.
Service Stations:
Los Angeles: Lang Engineering Co., 1937 S. Hoover St.
Denver: Agnew Compressor Co., 70 Kalamath.
Seattle: Pacific Northwest Dist., 2405 First Ave.

ELECTRIC STEAM RADIATOR CORP., One Electric Ave., Paris, Ky.
(Electresteem products)
Service:
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.
Long Beach: California Electric Service Inc., 1407 E. 4th St. (12)
Los Angeles: California Electric Service Inc., 832 S. Alvarado St.
San Diego: J. F. Zwiener Electrical Co., 1242 1st Ave. (1)
San Francisco: California Electric Service Inc., 168 1st St. (5)
Denver: Western Repair & Electric Co., 1203 California St. (4)
Portland: Bressie Electric Co., 909 S. W. 5th St. (4)
Seattle: J. M. Hooper Electric Co., 215 Marion St. (4); Pacific Utilities, 125 N. 1st St.
Spokane: Spokane Appliance Repair, S. 173 Wall St. (4)
Tacoma: Ajax Electric Co., 747 Fawcett Ave. (3)

ELECTROLUX INC., 417 Montgomery, San Francisco, Calif.

ELECTROMODE CORP., 45 Crouch St., Rochester 3, N. Y.
Service Stations:
Artesia: Baum Electric Co., 18508 S. Pioneer Blvd.
Fresno: The Clock Shop, 1418 Fulton St.
Redding: Incandescent Supply Co., 2146 Pine St.
Sacramento: Lamco Electric, 1415 21st St.
San Francisco: The General Appliance Co., 369 Fell St.; California Electric Service Inc., 168 1st St.
Seattle: City Electric Service Shop, 2014 3rd Ave.
Spokane: Spokane Appliance & Repair Co., S. 173 Wall St.
Portland: Electric Home Service Co., 1740 S.E. Hawthorne

ELECTRO TOOL CORP., 1718 Layard Ave., Racine, Wis.
(Whisker Shavers and Cadet Hair Clipper)
Factory service only.

ELECTRO-VOICE INC., Cecil & Carroll St., Buchanan, Mich.
Factory agents:
Los Angeles: I. R. Stern, 7457 Melrose Ave., Hollywood 46
San Francisco: Meyer & Ross Sales Co., 113 10th St.
Denver: W. Clif McLoud & Co., 5528 E. Colfax Ave.
Seattle: Fred H. Haight Co., 3212 E. Lake Ave.
E-V products sold through wholesale distributors.

ELK MANSTER, INC., 601 E. Crosier St., Akron 1, Ohio
Distributors:
Long Beach: Frank E. Brady, 5864 E. 2nd

Albuquerque, N. M.: L. H. Chant Electric Co., 712 W. Cooper
Yuma, Ariz.: Curley's Electric Service, 160 4th Ave.
Riverside: Norman T. Ehlers, 6426 Magnolia Ave.
Ingleside: Glen Johnson Electric Co., 106 E. Queen St.
Santa Ana: Lindsay Electric Co., 1425 S. Main St.
San Bernardino: E. L. McAdams Electric, 376 D St.
San Fernando: Ranion Electric, 1014 De Garno St.
Pasadena: Sander's Electric Co., 576 S. Fair Oaks Ave.
Santa Monica: Sunbeam Electric Co., 719 Santa Monica Blvd.

ELKINS-EWALL CO., 525 W. Clearfield St., Philadelphia 33, Pa.

EMERSON ELECTRIC MFG. CO., 8100 Florissant Ave., St. Louis 21, Mo.
(Emerson-Electric motors, fans, appliances)
Service Stations:
Phoenix: Electric Rewinding Co., 2906 Grand Ave.
Fresno: Electric Motor Shop, 253 Fulton St.
Los Angeles: The Hill Electric Co., 580 Mateo St.
Sacramento: Lam-Co Electric, 1413 21st St.
San Bernardino: Standard Electric Works, 191 Arrowhead Ave.
San Diego: California Electric Works, 424 8th Ave.
San Francisco: Weidenthal-Gosliner Electric Works, 353 10th St.
Stockton: Stanley Electric Motor Service, 1520 E. Miner Ave.
Visalia: Langdon Electric Motor & Pump Co., 410 E. Main St.
Denver: Baker Electric Co., 1842 Lawrence St.
Pueblo: Johnson Electric Co., 324 S. Union Ave.
Boise: Missman Electric Co., 2304 N. 26th St.
Billings: Lockrem Electric Co., 1710 First Ave., N.
Missoula: Industrial Electric Co., 123 W. Alder St.
Albuquerque: Electric Service Inc., 506 Bridge Blvd., S. W.
Medford: Trowbridge & Flynn Electric Co., 214 W. Main St.
Portland: Standard Electric Motor Service, 835 S. E. Division St.
El Paso: Electric Motor Co., 1517 Wyoming St.
Salt Lake City: Utah Electric Motor Co., 538-540 S. State St.
Seattle: Fellstrom Electric Co., 2211 9th St.
Spokane: Nixon-Kimmel Elec. Machinery Co., S. 131 Sherman.
Tacoma: Paramount Electric Co., 311 Puyallup Ave.
Honolulu: The Hawaiian Electric Co. Ltd., 900 Richards St.

EMERSON RADIO & PHONOGRAPH CORP., Jersey City, N. J.
(Radio and TV receivers)

EMPIRE & EMPCO APPL.
(See Metal Ware Corp.)

ESTATE STOVE CO.
(See RCA Estate Appliances)

EUREKA WILLIAMS CO., Division of Henney Motor Co., Eureka Division, Bloomington, Ill.
(Vacuum Cleaner Division)
Distributors:
Phoenix: Electrical Equipment Co. of Arizona, 140 S. 1st Ave.
Los Angeles: Horn & Cox Inc., 4382 E. Bandini Blvd.
San Francisco: W. J. Lancaster Co., 3150 3rd St.
Denver: Boyd Dist. Co., 1661 W. 3rd Ave.
Salt Lake City: A. E. Carter, 141 E. Broadway
Billings: Taylor Distributing Co., 4148 First Ave., S.
Albuqerque: Salyer Dist. Co., 708 1st St., N. W.
Portland: N. Schneider Co., 1009 S. W. Fifth Ave.
Seattle: Schwabacher Hardware Co., 401 1st Ave., S.
Spokane: Sunset Electric Co., N. 703 Division St.
El Paso: Boyd-Harbaugh Inc., 2209 Mills St.
Honolulu: Electrical Distributors Ltd., 1216 Kapiolani Blvd.

EVERHOT ELECTRIC APPLIANCES
(See Manning Bowman Division)

FAIRBANKS, MORSE & CO., 600 S. Michigan Ave., Chicago 5, Ill.
(Fairbanks, Morse water systems, washers and ironers)
Minor repairs by dealers in field; major repairs should be referred to branch offices:
Portland: 105 S.E. Taylor St. (14) (Ore., Wash., part Ida. and Mont.)
San Francisco: 630 3rd St. (7) (Part Calif., Ida., Nev., Wyo., all Utah & Hawaiian Is.)
Los Angeles: 4535 S. Soto St. (58) (Part Calif. & Nev., all Ariz.)
Denver: 1500 17th St. (2)
Dallas: 1713 N. Market St. (2) (Part N. Mex.)
Kansas City: 1300 Liberty St. (7) (All Colo., part N. Mex.)
Salt Lake City: 130 S. 5th East St. (Utah)
Seattle: 668 Lane St. (4)

FARADAY ELECTRIC CORP.
(See Sperti Faraday Inc.)

FARIES LAMP DIVISION, General Lamps Mfg. Corp., 450 N. 9th St., Elwood, Ind.
(Portable Lamps)
Factory service only.

FASCO INDUSTRIES INC., N. Union at Augusta, Rochester 2, N.Y.
(Fasco desk, pedestal and exhaust fans; floor circulators; window ventilating fans; wall and ceiling ventilators; cyclo wall and ceiling ventilating fans; Sparton desk and pedestal fans)
Service Stations:
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd. (15)
San Francisco: California Electric Service Inc., 168 1st St. (5)
Denver: Midwest Electric Service Co., 1124-26 Santa Fe Drive (4)
Seattle: Hooper Electric, 215 Marion St.

FAULTLESS, Holland-Rieger, subsidiary of Apex Rotarex Corp. (See Apex.)

FILTER QUEEN
(See Health-Mor Inc.)

FILTEX CORP., 417-23 E. 15th St., Los Angeles 15, Calif.
(Hygienic Filtex cylinder type vacuum cleaner)
Distributors:
Chico: Filtex Sales & Service, 1421 Park Ave.
Eureka: Filtex Sales, P. O. Box 667
Glendale: Filtex Sales & Service, 1245 W. Glen Oaks.
Redwood City: Filtex Peninsula Sales, 316 Arguello St.
San Bernardino: Filtex Sales & Service, 1368 E St.
San Diego: Filtex Dist. Co., 3086 30th St. (4)
San Francisco: Filtex Sales & Service, 4000 Mission St. (12)
Van Nuys: Filtex Vacuum Cleaner Co., 6336 Woodman Ave.
Yuba City: Filtex Sales & Service, 620 Shasta St.
Grand Junction: Filtex Sales & Service, 307 N. Cherry Lane
Yakima: Filtex Sales & Service, 1118 S. 21st Ave.
Twin Falls: Filtex Sales & Service, 327 Main St.
Butte: E. J. Becky, 11 S. Montana.
Eugene: Filtex Sales & Service, 1930 W. Hilliard Ave.
Lebanon: Filtex Sales & Service, 70 E. Ash.
McMinnville: Filtex Sales & Service, 530 3rd St.
Springfield: Filtex Sales & Service, 1008 Main St.
Salt Lake City: Filtex Co. of Utah, 68 S. 2nd W.
Phoenix: Filtex Sales & Service, 1714 E. McDowell
Wailuku: 49th State Distributors, 68 General Ave.
Western Canada: Filtex Sales & Service, 509 18th Ave., N.E., Calgary, Alberta.

FINDERS MFG. CO., 3669 S. Michigan Ave., Chicago 15, Ill.
(Hollywood electric housewares)
Service Stations:
Fresno: L. F. Ballmer Co., 2403 Stanislaus
San Francisco: H. C. Johnson, 443 Valencia St.; The P & D Appliance Co., 667 Howard St.
Sacramento: Remington Electric Service, 2320 21st St.
Denver: Western Repair & Electric Co., 1203 California St.
Portland: Bressie Electric Co., 909 S. W. 5th Ave. (4)
Salt Lake City: Appliance Service Center, 57 Richard St. (1)
Seattle: A. Appliance Co., 710 Pine St. (22)

FLOOROLA PRODUCTS INC., Tioga St. at Roosevelt Ave., York, Pa.
(Floorola floor waxer & polisher)
Distributors:
Los Angeles: Floor Machine Co., 1735 Venice Blvd. (6)
El Paso: Elec. & Mech. Supply Co.
Major repairs:
Send to factory.

FLORENCE STOVE CO., 205 School St., Gardner, Mass.
(Florence electric range—equipped with Chromalox units)
For Chromalox units see Edw. L. Wiegand Co.
Factory only for other service.

FOGEL REFRIGERATOR CO., 5400 Eadom St., Philadelphia 37, Pa.
(Refrigerators, freezers)
Representatives:
Los Angeles: Jack Stone, 430 Beloit Ave. (49)
San Francisco: E. Van Fleet, 446 Fulton St. (2)
Albuquerque: Tudor Sales Co., P. O. Box 1200
Seattle: William T. Miles, 332 Merchandise Mart, 1931 2nd Ave. (1)

FOWLER MFG. CO., 2545 S.E. Gladstone St., Portland 2, Ore.
Distributors:
Portland: Fowler Distributing Co., 4101 S. E. 26th (2)
Seattle: Fowler Distributing Co., 1054 4th Ave. S.
Spokane: Fowler Distribution Co., S. 163 Lincoln St.
Billings: Midland Distributing Co., 2316 First Ave. North
Salt Lake City: Flint Distributing Co., 216 W. Second South St.
Denver: The Parker Co., 4655 Colorado Blvd. (16)
Phoenix: Electrical Equipment Co. of Arizona, First Ave. at Madison
San Diego: San Diego Pipe & Supply Co., 5150 University Ave.

FRANTZ MFG. CO., THE, 1200 Camden Ave. S. W., Canton, Ohio
(Boss, Laundry Queen and Young washers; parts for White Way washers)
Distributors:
Long Beach: Home Service Co., 2100 E. 4th St. (14)
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd.; Washing Machine Parts Co., 1241 S. Hope St.
Oakland: Electrical Appliance Co., 4238 Broadway
Sacramento: Electrical Appliance Service Corp., 1626 N. C St. (14)
San Diego: Electrical Appl. Service Corp., 302 17th St.; Washing Machine Parts Co., 1743 India St.
San Francisco: Electrical Appl. Service Corp., 1434 Howard St.; Washing Machine Parts Co., 45 Rhode Island Ave.
Denver: Ray Jones Washing Machine Parts, 876 Broadway (9); Niles Washing Machine Supply Co., 509 14th St. (2)
Pueblo: Ingle Washing Machine Co., 417 N. Santa Fe
Boise: Karre Appl. Repair, 1511 State St.
Roswell: Papworth Washing Machine Parts, 1300 N. Les
Klamath Falls: Merit Washing Machine Service, 611 S. 6th St.
Portland: Division Appl. Service Co., 2421 S. E. 39th Ave.; W. L. May Co., 215 N. W. Park Ave. (9)
Salt Lake City: A-1 Master Electric Co., 230 E. 5th St.
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave.; Spokane Washer Co., 203 W. Main St.
Honolulu: Washing Machine Supplies Co., 1253 S. King St.

FREE SEWING MACHINE CO., Rockford, Ill.
(Free - Westinghouse and New Home)
Factory Branch: 9855 W. Pico Blvd., Los Angeles, Calif.

FRESH-ND AIRE CO., Division of Cory Corp., 221 N. La Salle St., Chicago 1, Ill.
(Fans, air circulators and heater fans, room air conditioners, dehumidifiers, humidifiers)

FRIGIDAIRE DIVISION, General Motors Corp., 300 Taylor St., Dayton 1, Ohio
(Frigidaire home appliances, com'l refrigeration, air conditioners)
Pacific Region:
Frigidaire Division, General Motors Corp., 1355 Market St., San Francisco 3, Calif.
Frigidaire Sales Corp. Offices:
Oakland: 1250 53d St. (8)
Los Angeles: 3251 Leonis Blvd. (58) P.O. Box 155314.
Denver: 215 Wazee Market (4)
Distributors:
Seattle: Sunset Elec. Co., 300 Westlake N., P. O. Box 3148 (14)
Spokane: Sunset Electric Co., N. 703 Division St. (11)
Portland: Sunset Elec. Co., 1035 N. W. 14th Ave. (9)
Salt Lake City: W. H. Bintz Co., 433 W. 3rd South St., P. O. Box 1350 (11)
Service Stations:
Buena Park: Mack's Appliance Service, 8322 E. 4th St.
Berkeley: East Bay Appliance Service Co., 2617 San Pablo Ave.
Burbank: Brandt's Service, 617 N. Orchard Dr.
Daly City: Elmer G. Lewis, 82 Peoria St.
Delevan: Jarman & Jarman, Box 26.
Lake Tahoe: Madison Electric, Box 454, Kings Beach.
Lindsay: Automatic Appliance Service, P. O. Box 1047.
Los Angeles: G. L. Bauserman Refrig., 3766 W. 54th St.; Held's Refrig. Service, 10943 W. Pico Blvd.; R & S Refrig. Service, 5090 Alhambra Ave.; Rudy Rowton, 4334 Sunset blvd.; Hal Roy's Appliance Service, 4207 S. Figueroa.
Los Gatos: Los Gatos Appliance Service, 68 W. Main St.
Lynwood: Steele's Authorized Service, 3581 Las Flores.
Menlo Park: Cardinal Appliance Service, 1283 Willow Road.
Modesto: Maze C. Fulkerth, 920 16th St.
Oakland: Acme Range Repair, 4212 Piedmont Ave.; Crawford's Refrig. Service, 629 23rd St.; Parker & Way Appliance Service, 1443 Leimert Blvd.
Pacoima: Lawler's Appliance Service, 14035 Nordhoff St.
Palm Springs: Tex Driskell, 292 S. Indian Ave.
Placerville: O'Relli Electric Co., 336 Washington St.
Playa Del Rey: E. D. Darrow, 235 Fowling.
Pomona: Pat's Refrig. Service, 3866 9th St.
Richmond: Estes Commercial Refrigeration, 150 Carlson Blvd.; Hardina Appliance, 834 Ohio St.
Sacramento: Arctic Commercial Refrig., 5660 Franklin Blvd.; Emergency Refrig. Service, 730 57th St.; Hazen's Appliance Service, 3943 Franklin Road; Hans Rasmussen, 1401 8th Ave.
Salinas: Winkle Refrigeration, 1145 N. Main St.

San Diego: French's Refrig. Service, 726 9th St.; Western Appliance Service, 1425 E St.
San Francisco: Andymac Electric Range Repair, 1797 Union St.; Clampett's Appliance Service, 786 Minna; Speedway Refrigeration, 434 Ellis St.; I. J. Westlund Refrigeration Co., 2344 Market St.
San Jose: Andre Appliance Service, 1864 W. San Carlos; Millers Home Appliance, 1141 S. 1st St.
San Mateo: Lewis Bros., 715 4th St.
San Pablo: Rudy's Refrigeration, 2000 23rd St.
Santa Ana: Andrew's Refrig. Service, 2705 W. 1st St.
South Pasadena: Authorized Appliance Service, 812 Mound Ave.
Stockton: Earl Graber Refrigeration, 1202 N. Edison; Independent Refrig. Service, 826 E. Anderson St.; Tracy Refrigeration, 18 Gillett Alley.
Vallejo: Electronic Service Co., 427 Broadway.
Wilmington: A. C. Appliance Co., 1118 Neptune St.; Lloyd's Appliance Service, 1014 N. Avalon Blvd.
Yuba City: Jack McLaughlin, King Ave.
Denver: Snodgrass & Smith Co., 1941 Market St. (2)
Reno: Henry Gadda, 218 Rock St.
Truckee: Bud's Electric & Refrig. Sales & Service, P. O. Box 395.
Portland: Sunset Electric Co., 1035 N. W. 14th Ave. (9)
Salt Lake City: Service rendered by dealers.
Spokane: Service rendered by dealers.
Honolulu, Hilo, Lihue, Wailuau: Von Hamm-Young Co. Ltd.

G-M LABORATORIES INC., 4300 N. Knox Ave., Chicago 41, Ill.
(Surf Electric floor polishers, fans and heaters)

GEM DANDY ELECTRIC CHURN —BUTTER
(See Alabama Mfg. Co.)

GENERAL CONSTRUCTION CORP., St. Petersburg 3, Florida
(Icette)
Service parts handled direct from plant.

GENERAL DEVICES CO., P. O. Box 635, Springdale, Conn. Parts and repair service for Hanley Shavers and Clipshaves.
Factory service.

GENERAL ELECTRIC CO., Clock and Timer Department, Ashland, Mass.
(Clocks)
Service Stations:
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.; Smith's Clock Shop, 1512 N. 7th Ave.
Fresno: The Clock Shop, 1418 Fulton St.
Long Beach: Calif. Elec. Service Inc., 1407 E. 4th St.
Los Angeles: Calif. Elec. Service Inc., 832 S. Alvarado St.
Oakland: The Clock Shop, 144 E. 14th St.; California Elec. Service Inc., 1246 E. 14th St.
Pasadena: Calif. Elec. Service Inc., 2582 E. Colorado St.
Riverside: Brumgardt's Clock Shop, 3795 Orange St.
Sacramento: Lam-Co Elec., 1415 21st St.
San Diego: J. F. Zwiener Elec. Co., 1242 First Ave.
Santa Barbara: Mel-Time Repairs, 20 W. Carillo St.
San Francisco: Calif. Elec. Service Inc., 168 First St.
San Jose: D & S Appliance Repair Service, 832-836 Park Ave.
Denver: Mint Radio Service, 339 13th St.
Boise: The Cyclery, 208 N. 9th St.
Butte: Radio Eng. Service, 219 W. Park St.
Albuquerque: Greenwalt Jewelers, 317½ W. Gold Ave.
Portland: B. W. Cobb Watch & Clock Shop, 220 Alder St.; Alder Street Clock Shop, 251 S.W. Alder St.
Ogden: Coray Clock & Appl. Service, 2420 Grant Ave.
Salt Lake City: Time & Instrument Co., 57 Richards St.
Seattle: The Clock Shop, 608 Joshua Green Bldg.
Spokane: Harry's Elec. Clock Hospital, S. 175 Post St.
Cheyenne: Schmitt's Jewelry, 614 21st St.
Honolulu: Hawaiian Elec. Supply Co., 930 Clayton St.

GENERAL ELECTRIC CO., Major Appliance Division, Appliance Park, Louisville, Ky.
(GE appliances)
(Household refrigerators, food freezers, ranges, water heaters, home laundry equipment, dishwashers, disposals, room conditioners)
Service distributors:
Phoenix: Roy A. Hill, Arizona Wholesale Supply Co., 505 W. Madison St.
Emeryville: J. E. Gannon, GE Supply Co., 5400 Hollis St.
Fresno: D. F. Brock, Valley Electrical Supply Co., 3306 E. Tulare St.
Los Angeles: W. K. White, GE Appliances Co., 2957 E. 46th St.
Sacramento: C. C. Ledin, GE Supply Co., 1131 S St.
San Diego: Hal Graham, GE Appliances Co., 1764 Kettner Blvd.
Denver: Lawrence Hurst, B. K. Sweeney Co., 1601 23rd St.
Boise: F. E. Isbell, GE Supply Co. 618 S. 8th St.
Butte: Ray Vigus, GE Supply Co., 900 E. Front St.
Albuquerque: Floyd B. Zurenda, Electric Supply Co., 609-27 N. Broadway.
Portland: K. S. Beatty, GE Supply Co., 300 N. W. 14th St.
Salt Lake City: H. W. Christensen, GE Supply Co., 141 S. 3rd, W.
Seattle: R. T. Maples, GE Supply Co., 1212 First Ave., S.
Spokane: R. E. Anderson, GE Supply Co., E. 1805 Trent Ave.
Honolulu: W. E. Bougher, W. A. Ramsay Co., Kapiolani & South St.

GENERAL ELECTRIC CO., Small Appliance Division, 1285 Boston Ave., Bridgeport 2, Conn.
(GE Appliances)
(Automatic blankets, clocks, cleaners, irons, toasters, mixers, percolators, grills, fans)
Service Stations:
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.; Smith Clock Shop, 1512 N. 7th Ave.*
Fresno: L. F. Balmer, 2430 Stanislaus St.**; The Clock Shop, 1418 Fulton St.*
Glendale: Glendale Time Shop, 500 N. Brand Blvd.*
Long Beach: Calif. Elec. Service Inc., 1407 E. 4th St.
Los Angeles: Calif. Elec. Service Inc., 832 S. Alvarado St.; G-E Small Appl. Service Center, 1233 S. Hope St.; Louis Clark, 2141 W. Washington Blvd.†
Oakland: Calif. Elec. Service Inc., 1246 E. 14th St.; The Clock Shop, 144 E. 14th St.*
Pasadena: Calif. Elec. Service Inc., 2582 E. Colorado St.
Riverside: Brumgardt's Clock Shop, 3795 Orange St.*
Sacramento: Lam-Co Electric, 1415 21st St. and 3417 El Camino
San Diego: J. F. Zwiener Elec. Co., 1242 First Ave.
San Francisco: Calif. Elec. Service Inc., 168 1st St.; G-E Small Appl. Service Center, 1090 Bryant
San Jose: D & S Repair Service, 402 W. Santa Clara*
Santa Barbara: Mel Time Repairs, 20 W. Carrillo St.*
Santa Rosa: Lueger's Old Clock Shop, 402 4th St.*
Denver: Western Repair & Electric Co., 1203 California St.**; Mint Time Service, 339 13th St.*
Boise: Boise Cyclery, 208 N. 9th St.
Butte: Radio Engineering & Service, 219 W. Park.
Albuquerque: Appliance Service Center, 1905 4th St., N.W.**; Greenswalt Jewelers, 312½ W. Gold Ave.*
Portland: Bressie Electric Co., 909 S.W. 5th Ave.**; Alder Street Clock Shop, 251 S.W. Alder St.*
Ogden: Coray Clock & Appliance Service, 2420 Grant Ave.*
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: G-E Small Appl. Service Center, 401 Westlake Ave. N.; Clock Shop, 608 Joshua Green Bldg.*
Spokane: Harry's Electric Clock Hospital, S. 175 Post St.*; Spokane Appliance Repair, S. 173 Wall St.**
Tacoma: Ajax Electric Co., 747 Fawcett Ave.**
Cheyenne: Schmitt's Jewelry, 614 W. 21st St.*
Honolulu: Hawaiian Electric Supply Co., 930 Clayton St.**; W. A. Ramsey Co., Kapiolani Blvd. & South St.

*Clocks only.
**Except clocks.
†Cleaner parts only.

Radio and Television Serviced by GE Supply Corp.

GENERAL MILLS INC. (See Appliance Service Co.)

GENERAL MOTORS CORP. (See Frigidaire Div., and Delco Appl. Div.)

GENERAL WATER HEATER CORP., 240 N. Front St., Burbank, Calif.

GENNETT & SONS, 1 Main St., Richmond, Ind.
(Gennett Refrigerators)
Factory service only.

GIBSON REFRIGERATOR CO., 515 W. Williams St., Greenville, Mich.
(Gibson refrigerators, ranges, food freezers and air conditioners)
Phoenix: Graybar Elec. Co. Inc., 434 W. Madison St. (2)
Long Beach: Graybar Elec. Co., 800 W. 16th St. (13)
San Francisco: J. J. Lukanish Co., Western Mdse. Mart, 1355 Market (3)
Los Angeles: Graybar Elec. Co. Inc., 210 S. Anderson St. (54)
San Diego: Graybar Elec. Co. Inc., 720 State St. (1)
Denver: K. V. Distributing Co., 2308 15th St.
Boise: S. R. Ross Inc., 418 N. Orchard
Portland: Elec. Dist. Inc., 140 N. W. 14th Ave. (9)
Billings: Billings Hdwe. Co., 2702 Montana Ave.
Albuquerque: Appliance Distributors Inc., 508 N. 1st St.
El Paso: Appliance Distributors, 1409 Texas St., P. O. Box 1827.
Salt Lake City: S. R. Ross Inc., 1212 S. State St.
Seattle: Seattle Hardware Co., 501 1st Ave. S. (14)
Spokane: Jensen-Byrd Co., 310-324 Riverside Ave. (10).

GILBERT CO., A. C., New Haven 6, Conn.
(Gilbert and Polar Cub electrical products)
Service Stations:
Los Angeles: American Flyer Electric Service, 5200½ Wilshire Blvd.
Oakland: Al's Toy Shop, 4218 Piedmont Ave.
San Diego: J. F. Zwiener Electrical Co., 1242 1st Ave.
San Francisco: Atlas Appliance Service, 623 Larkin St.
Denver: Western Repairs & Electric Co., 1203 California St.; John F. Mathias Novelty Works, 1110 18th St.
Portland: Morrison Electric Service, 1206 S.W. Washington St.
Seattle: J. M. Hooper Electric Co., 215 Marion St.
Honolulu, Hilo, Luhne, Kahaului, Kaunakakai: Theo. H. Davies & Co. Ltd.

GILL ELEC. MFG. CORP., 624 W. Citrus Ave., Redlands, Calif.

GIVEN MFG. CO., 3301 Fruitland Ave., Los Angeles 58, Calif.
(Waste King Pulverator)
Service Stations:
Phoenix: Dietrich Appl. Service, 347 E. Camelback
Prescott: Elect. Motor Ind., 849 Danita
Bakersfield: Krecklow's Washer Service, 407 E. 19th St.
Fontana: Bob's Maintenance, 3344 Riverside Ave.
Fresno: Ridge Motor Shop, 1440 Van Ness
Lancaster: A. Hymen Refrig., 611 W. Ave. "J"
Oceanside: R. C. Martin Plbg. Htg., 921 S. Hill
Paso Robles: Cockrell's Refrig., 845 13th St.
Sacramento: Lameo Electric, 1415 21st St. (14)
San Diego: Nutter Appliance Service, 5759 Market St.
San Francisco: Given Mfg. Co., 121 King St.
Santa Ana: Blackwell's Appliances, 408 N. Bristol
Santa Barbara: Appliance Service Center, 320 W. Carillo
Stockton: Curtis Elec., 301 W. Fremont
Ventura: N. J. Mead, 161 San Clemente
Colorado Springs: Jordan's Appliance, 121 E. Bijou
Denver: E & B Sales and Service Inc., 3740 E. Colfax
Grand Junction: Wesco, 709 N. First
Pueblo: Johnson Elec. Co., 324 S. Union
Las Vegas: Marshall's Appliance Service, 117 N. Main
Albuquerque: Paul's Refrigeration Service Co., 712 Mountain Road, N. W.
Portland: Bee Elec. Service, 28 N.W. 10th Ave.
Salt Lake City: Intermountain Appliance Service, 708 S. State
Seattle: Appliance Service Station, 1220 Westlake Ave., N (9)
Spokane: Spokane Appliance Repairs, 173 S. Wall
Casper: Appliance Service Co., 736 W. 12th
Wahiawa: Service Motor Co., 105 Kam Hiway

GLASCOCK BROS. MFG. CO., P. O. Box 712, Muncie, Ind.
(Glasco sandwich bar and undercounter refrigerator)
Representative:
Los Angeles: Pat Co-op Agencies, 305 S. Orlando

GLOLOG and/or ELECTRIC LOG (See Strait & Richards Inc.)

GOODRICH MFG. CO., P. O. Box 267, So. San Francisco, Calif.

GRAYSON CONTROLS DIVISION, Robertshaw-Fulton Controls Co., Long Beach Blvd. at Long Beach Freeway, Long Beach, Calif.
Factory service only.

GRIFFIN LAMP CO., 3rd and Sycamore Sts., P. O. Box 89, Hamilton, Ohio
Warehouses:
Los Angeles: 736 E. Washington Blvd. (21)
San Francisco: 440 Golden Gate Ave.
Seattle: 308 9th Ave., N. (9)

GRISWOLD MFG CO., P. O. Box 709, Erie, Pa.
(Commercial electric cooking equipment)
Representatives:
Los Angeles: W. F. Smith, 6356 Drexel Ave (36)
Denver: George R. Woodward, 1863 Wazee St. (2)
Distributors:
Huntington Park: Industrial Electric Service, 2266 E. Slauson Ave.
San Francisco: Dahl-Beck Electric Co., 580 Howard St.
Denver: E. S. Hawkins Electric Service, 716 18th St. (2)
Boise: Intermountain Food Equipment Co., 922 Front St.
Billings: Northwest Fixture Co., 424 N. 32nd St.
Portland: Bressie Electric Co., 79 S. W. Oak St.
Salt Lake City: Appliance Service Center, 57 Richard St. (1)
Seattle: City Electric Service Shop, 2014 3rd Ave. (1)
Spokane: Matthews & Kerr, 103 E. Sprague Ave.
Honolulu: Williams Equipment Co.

HALLICRAFTERS CO., THE, 4401 W. Fifth Ave., Chicago 24, Ill.
(Radio & Television)

Service Stations:

Coolidge: Johnny's Radio & TV Service, 337 W. Coolidge Ave.

Globe: Bennett Radio Co., 490 N. Broad; Gila Music Co., P. O. Box 2025

Nogales: P & W Radio Appliance Co., 221 Grand Ave.

Phoenix: Arizona Mobile Radio & TV, 7th St. & Sheridan Ave.; George Beal TV Service, 7021 N. 24th Ave.; Vincent Carter Electric Co., 325 N. 5th St.; Coe's Radio & TV Sales & Service, 5150 N. 21st Ave.; Dependable Radio & Electric Co., 1631 W. Jefferson St.; Grand Avenue Radio, 915 W. Grand Ave.; Phil's Radio & Appliance Service, 7006 N. 27th Ave.

Prescott: TV Service Inc., P. O. Box 1753

Superior: W. C. Banks Co., 149 Main St.

Tucson: Arizona Appliance Mart, 312 E. Congress St.; Arizona TV Service, 3114 E. Grant Rd.; L & L Radio & TV Shop, 1522 S. 6th Ave.; Reynolds Electronic Service Inc., 2914 E. Beverly St.; Stewart's TV Service, 348 E. Mabel St.; Ted's Radio & TV Service, P. O. Box 7172

Atascadero: George Baney Co., P. O. Box 1027

Bakersfield: Moore's Television & Appliance, 1001 Baker St.; Poston's Radio & Appliance Co., 2718 Chester Ave.; Quality Television, 1103 Chester Ave.; Valley Radio Service, 722 Baker St.

Bell: Reeder Radio & Television, 6233 Atlantic Ave.

Camarillo: Tisdale Television Service, 2396 Ventura Blvd.

Carlsbad: Al's Radio & Television Sales & Service, 2981 State St.

Chico: Radio Mart, 164 E. 3rd St.

Colton: Baldwin's Radio & TV, 173 E. I St.

Compton: F. M. Radio Service, 833 W. Compton Blvd.

Corning: F & J TV Service, 1112 Solano St.

Elcajon: Milligan Electric, 517 Elcajon Blvd.

East Los Angeles: East L. A. Television Service Co., 646 S. Atlantic Ave.

Fresno: Park TV Service, 2110 W. Belmont Ave.

Fullerton: Launer Radio, 114 N. Malden.

Glendale: Smith TV & Radio Service, 415 N. Verdugo Road

Huntington Park: Five Star Service, 6332 Pacific Blvd.; Green's TV & Appliance, 7317 Pacific Blvd.

Inglewood: Phillips Appliance Service, 1131 N. La Brea Ave.

Lake Tahoe: J. C. Electric, Box 56, Kings Beach

Long Beach: Allied Electronic Co., 1411 Magnolia Ave.; Pete's Radio & TV, 1724 E. Broadway; Ward Bros. Radio, 2914-16 E. Anaheim Ave.

Los Angeles: Electronics TV Laboratories, 2228 W. Florence; Morse & Hamer TV & Radio Inc., 5821 W. Pico Blvd.; Precision Electronics, 7518 Melrose Ave.; Standard TV & Radio Service, 3733 E. Olympic St.; Television Service of Los Angeles, 1039 N. LaBrea Ave.; George F. Yorks TV Service, 3856 W. Slauson Ave.

Lynwood: City-Wide Radio Co., 3354 Imperial Highway.

Mentone (Redlands): Mentone Radio & TV Service, 1356 Beryl Ave.

Modesto: Modesto Television Service, Rt. 6, Box 1583

National City: Southwest Television Labs. 730 Roosevelt Ave.

North Hollywood: Lewis R. Brothers, 10444 Magnolia Blvd.

North Long Beach: Advanced Television Sales & Service, 503 S St.

Ontario: Dean's Radio & TV Service, 215 W. A St.; Ontario TV Center 814 S. Caldwell; TV Center & Appliance, 817 N. A St.

Oxnard: Berk's Furniture, 545 S. Oxnard St.; Plaza Radio & TV, 321 W. 4th St.

Pasadena: Television Antenna Engineers, 252 N. Allen

Paso Robles: Paso Robles TV & Appliance, 709 12th St. (Rear)

Pomona: Valley Radio Co., 352 N. Park.

Riverside: Associated TV Service, 3305 7th St.; Perfect TV Service, 2489 8th St.

San Bernardino: Wagoner's Radio & TV Service, 108 E St.

San Diego: Associated Television Service, 1957 State St.; Craig Radio Engineering, 1225 University Ave.; Ray Fair's TV Service, 1043 3rd Ave., Imperial Beach; TBY Sales, 3907 E. Cajon Blvd.

San Fernando: Gorin Radio & Television, 547 N. Maclay; Tele-Care TV Service, 752½ N. Maclay.

San Francisco: Crocker-Johnson Co., 460 Townsend St.; L. J. B. Television Radio Service, 2412 14th Ave.

San Leandro: M. J. Television, 1136 E. 14th St.

San Luis Obispo: Ted Davies Appliance, 993 Higurra St.

Santa Ana: Radio & TV Service Center, 1309 W. 4th St.

Santa Barbara: American Radio, 733 Chapala St.; Central Radio & TV, 901 Chapala St.; Low's Radio Service, 535 Chapala St.

South Gate: Atlantic & Tweedy TV Service, 9838 Atlantic Ave.

Stockton: Valley Transformer Service, 3146 E. Fremont St.

Taft: Whitman's Radio & Electric, 100 4th St.

Ventura: Sager Radio, 1803 E. Main St.; Johnny's Radio & TV Den, 1963 E. Main St.

Victorville: Glenn Bast TV & Radio, 15634 6th St.

Yuba City: Dooley TV Service, 628 2nd St.

Arvada: Arvada TV, 7564 Grant Place

Aurora: Eastlerling Motor Co., 10929 E. Colfax Ave.

Brighton: Bobenhouse Radio Co., 305 N. Main

Canon City: Sig's Auto Supply, 722 Main St.

Colorado Springs: AAA TV Service Co., 210 N Tejon; Fields Radio Service, 410 S. Tejon St.

Denver: AAA TV Service, 902 12th St.; Acme Radio & TV Corp., 836 Santa Fe Drive; Action TV Co., 2750 N. Speer Blvd.; Bairds Radio & TV Service, 1472 S. York; Don Becker TV Service, 5024 Zuni St.; Central TV Service Inc., 1335 W. 38th Ave.; Denver TV Clinic, 1404 Oneida St.; ETSCO TV Co., 3553 Brighton Blvd.; Empire TV Center, 103 Broadway; G & M Electronics, 1527 Valentia St.; Rocky Mountain TV Radio & Sound Co., 1343 Alameda; Teevee Service, 3152 W. Colfax Ave.; Universal Radio TV Co., 2000 Lawrence St.; Video Studio, 1244 Peoria St.; Western Home Equipment Co. Inc., 2204 Welton St.

Florence: Florence Radio & Electric Co., 117 W. Main St.

Fort Collins: Beemans TV & Radio, 510 S. Sheilds

Golden: Clover Radio & TV, Rt. 4, Box 90

La Junta: Marshall Clymer Co., 2nd & Raton

Littleton: Littleton Electronics, 435 N. Grant

Pueblo: AAA TV Service Co., 603 N. Grand; Radart Radio & TV Service, 316 W. Northern; Radio Specialists Co., 112 E. 5th St.; Ralph's Radio & TV, 217 N. Santa Fe; Walt's Radio & TV, 610 S. Union Ave.

Rocky Ford: Marshall Clymer Co., 920 Elm

Walsenburg: John W. Figal, 603 Maw St.

Albuquerque: A.B.C. Radio, 512 N. 4th St.; Al Senter Radio Service, 1421 E. Central St.

Las Vegas: Fry's Radio Service, 707 Douglas Ave.

Roswell: Falconi Electrical Service, 125 W. 2nd

Astoria: Radio Service Co., 136 9th St.

Beaverton: Canyon TV & Radio Service

Eugene: Fletcher & Smartt, 1351 Willamette

Mrytle Creek: Hasco Radio Electric Co., P. O. Box 216

Portland: Buzzy's TV Service, 812 N. Lombard St.; Modern Electronics, 227 N.W. 3rd Ave.; Oregon Corvek Co., 1005 N.W. 16th Ave.; Portland TV & Radio, 8818 S.W. Canyon Road; Radio Specialty Mfg. Co., 2023 S.W. 6th Ave.; Saelens Radio Co. Inc., 1605 N.W. Everett; Sun Radio & Electronics Co., 1631 N.W. Broadway; Video Service, Inc., 1501 N.W. 33rd Ave.

Salem: Salem TV, 2303 Fairground Rd.

Springfield: Jorgensen Electric, 420 Main

Bountiful: Howard B. Stringham, 23 W. 7th N.

Brigham City: Hust Radio & TV Service, 162 S. 4th East

Logan: Logan Refrigeration Co., 545 N. Main; Somers Music Co., 71 W. Center St.; Walker TV Service, 571 N. Main

Midvale: East Midvale Electronic Co., 38 W. 7500 S St.

Ogden: Chatterton Radio Service, 456 27th St.; Iverson Radio Co., 265 25th St.; O.K. TV Service, 2416 Grant Ave.; Supreme Radio Laboratories, 1705 Washington Blvd.; Ruion S. Wood & Sons TV, 2805 Washington Blvd.

Provo: Ralph's Radio & Television Co., 65 N. University Ave.; Taylors Department Store, Radio & TV Service Dept., 280 W. Center

Salt Lake City: Air Wave Radio Co., 338 W. First St., S.; All Appliance Co., 122 E. 3rd S.; Boyer's Radio Service, 1309 S. 9th East; Cannon Electronic Supply, 1033 W. 7th North; Herb's TV Service, 2173 Mabey Dr.; Royle's TV House, 246 S. Main St.; Smith's TV Clinic, 936 W. 2nd South; Tele-Service Inc., 1795 S. State St.

Spanish Fork: Ross's Radio & TV Service

Tooele: Radio Electric & Hardware Co., 14 N. Main.

Bellingham: Lindsay Radio & TV Service, 1228 Bay St.

Dishman: Evergreen Radio & TV Service, E. 9530 Sprague

Ellensburg: W. A. Geiger Radio, 1101 Columbia

Seattle: Electronic Supply Corp., 5601 California; Marina Mart Inc., 1500 Westlake Ave.; John K. O'Neil Inc., 409 Newton St.; Television Service Specialists, 2019 Westlake Ave.; Countner's Inc., 3132 Eastlake Ave.; Ennis Radio & TV Sales, 12617 Renton Ave. N.; Farwest TV, 129 1st Ave. W.; Llewallyn Electric, 17537 15th Ave. N.E.; Bill Martin's TV & Appliance, 12503 Bothell Way; Osbourne Radio Service, 4217 Roosevelt Way; Poole Electric Co., 1116 4th Ave.; VDO TV & Electronic Service Co. Inc., 10115 Aurora

Spokane: F. C. Baxter, N. 11 Browne; Les Burden, 2918 S. Grand Blvd.; Division St. Radio, N. 224 Division St.; Lonnie Radio & TV Co., 1413 3rd Ave.; Melrose Radio & TV Service, 1701 N. Division; Modern Radio & TV Service, 1803 N. Monroe; Partlow's TV Service, 4725 N. Ash St.; Ra-Tels, 920 W. Garland

Stanwood: Francis Powell TV Service

Tacoma: Paine Radio Service, 4001 S. Tacoma Way.

Vancouver: Wolf Electric Home Center, 26th & Broadway

Yakima: Linse Bros. Radio & TV Service, 106½ S. 4th St.

(Communication equipment)

Service Stations:

Phoenix: Phil's Radio Service, 816 E. Dunlap; Arizona Mobile Radio & TV, 7th St. & Sheridan Ave.

Tucson: Elliott Electronics Inc., 418 N. 4th Ave.

Bakersfield: Valley Radio Service, 722 Baker St.

Chico: Radio Mart, 164 E. 3rd St.

Los Angeles: Precision Electronics, 7518 Melrose Ave.

National City: Southwest Television Labs, 730 Roosevelt Ave.

North Hollywood: Lewis R. Brothers Co., 10444 Magnolia Blvd.

North Long Beach: Advanced Television Sales & Service, 503 South St.

Oakland: General Electronics, 4156 Piedmont Ave.

Sacramento: Elvas Television, 713 56th St.

San Diego: Associated TV Service, 1957 State St.; Craig Radio Engineering, 1225 University Ave.

San Francisco: Crocker-Johnson Co., 460 Townsend St.

San Leandro: M. J. Television, 1136 E. 14th St.

Santa Barbara: Central Radio & Television, 901 Chapala St.

Yuba City: Dooley TV Service, 628 2nd St.

Denver: Colorado Sound & Electronic, 170 S. Broadway.

Albuquerque: Crown Engineering, 3821 N. Broadway; Senter Radio & Television, 1421 E. Central Ave.

Portland: Radio Specialty Mfg. Co., 2023 S. E. 6th Ave.

Orem: L. A. Killpack Jr., 515 Beverly Ave.

Midvale: East Midvale Electronics Co., 38 W. 7500 S St.

Salt Lake City: Morgan & Son, 37 Kelsay Ave.

Seattle: Electronic Supply Corp., 5601 California; FM Radio Engineering Co., 2301 5th Ave., Marina Mart Inc., 1500 Westlake Ave.

Spokane: Harold Huges Radio, 107 S. Monroe St.; Modern Radio & TV Service, 1803 N. Monroe.

Vancouver: Art Whitaker, Pearson Airpark, P.O. Box 1811, Portland, Ore.

(Littlefone)

Fresno: Jack C. Arbuckle, 2330 Kern St.; Electronic Specialties Co., 1029 Belmont Ave.

Oakland: General Electronics, 4156 Piedmont Ave.

HAMILTON BEACH CO., Div. of Scovill Mfg. Co., Racine, Wis.
(Hamilton Beach home appliances and soda fountain line)

Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.

Spokane: Appliance Parts & Service, 609 W. Trent Ave.

Portland: Morrison Electric Co., 1206 S.W. Washington (5)

Sacramento: Lam/Co Electric, 1415 21st St. (14)

Long Beach: Wholesale Appliance Service Inc., 1133 E. Artesia St.

Los Angeles: Ken E. Campbell, 316 E. Third St.

San Francisco: Campbell Bros., Room 504, 657 Mission St.

San Diego: J. F. Zwiener Elec'l. Co., 1242 1st Ave.

Denver: Midwest Elec. Service Co., 1124-26 Santa Fe Drive

Boise: Boise Cyclery, 208 N. 9th St.

Salt Lake City: Appliance Service Center, 57 Richards St.

Seattle: Appliance Parts & Service Co., 214-16 Stewart St.

El Paso: Wayne M. Tinkler & Co. Ltd., 2731 E. Yandell.

HAMILTON MFG. CO., Two Rivers, Wis.
(Hamilton automatic clothes dryer—electric or gas)

Distributors:

Los Angeles: Quality Distributors Inc., 2545 Yates Ave.

San Francisco: J. J. Lukanish Co., 1355 Market St.

Denver: The Parker Co., 4655 Colorado Blvd.

Billings: Northwestern Auto Supply Co., 422 N. Broadway

Portland: R. M. Wade & Co., 1919 W. Thurman St.

Salt Lake City: Andersen Distributing Co., 144 S. 5th West St.

Seattle: R. M. Wade & Co., 532 1st Ave.

Spokane: Roberts & Knapp, 210 E. Boone Ave.

HANKSCRAFT CO., Reedsburg, Wis.

Agents:

San Francisco: Erlech - Lee Co., 1355 Market St.

Dallas: Clancey Sales Organization, 419 S. St. Paul St.
Denver, Adams Bros. Drug Brokerage, 801 Union Station
Repair Service: 2066 Pennsylvania Ave., Madison, Wis.

HANDYBREEZE FANS (See Chicago Electric Division of the Silex Co.)

HANDYHOT APPLIANCES (See Chicago Electric Division of the Silex Co.)

HANOVIA CHEMICAL & MFG. CO., 760 Market St., San Francisco 2, Calif.
(Ultraviolet lamps)

HARDERFREEZ Division
(See Tyler Fixture Corp.)

HARTFORD ELEMENT CO., THE, 44 Huyshope Ave., Hartford 14, Conn.
(Electric replacement heating elements)
Distributor:
L. E. Whelan Co., P. O. Box 752, Hartford, Conn.

HEALTH-MOR INC., 203 N. Wabash Ave., Chicago, Ill.
(Filter Queen)
Service Stations:
Filter Queen Co.'s:
Phoenix: 1746 W. Van Buren
San Francisco: 1116-1120 Irving St.
Los Angeles: 4913 W. Jefferson Blvd.
Tulare: 735 W. Tulare St.
Boise: Box 554
Pocatello: 1300 Yellowstone
Denver: 3215 Zuni St.
San Diego: 1810 W. Washington
San Mateo: 12 41st St.
Santa Clara: 1039 Franklin
Stockton: 1321 E. Harding Way
Susanville: 1211 Hood St.
Albuquerque: 811 N. 2nd
Portland: 126-32 N.E. Broadway
Seattle: 8947 Aurora St.
Spokane: 1225 N. Division St.
Tacoma: 1282 Huson Drive
El Paso: 502 E. Yandell Blvd.
Salt Lake City: 2011½ S. 11th St.
Ogden: 3920 Raymond Ave.
Provo: 345 E. Center St.
Honolulu: 1505 Papiolani Blvd.; 91 S. King St.

HEETAIRE ELEC. HEATERS
(See Markel Elec. Prod. Co.)

HERCULES GALION PRODUCTS INC.
(See Star Mfg. Co. Div.)

HEXACON ELECTRIC CO., 161 W. Clay Ave., Roselle Park, N. J.
Representatives:
Los Angeles: Dillon Stevens & Co., 1848 Venice Blvd. (6) (Serves southern California, Arizona)
San Francisco: William J. Ashton, Rialto Bldg., Room 203, 116 New Montgomery St. (5) (Serves northern California)
Houston: Ronald A. Larsen Co., 2414 W. Holcombe Blvd. (25) (Serves New Mexico)
Seattle: A. S. Knight Co., 3016 Western Avenue (1) (Serves Ore., Wash., Idaho, Mont.)

HILL-SHAW CO., 311 N. Desplaines St., Chicago, Ill.
(Vaculator coffee equipment)
Service Stations:
Los Angeles: Sterling Restaurant Equipment Service, 927 S. Grand Ave.
San Francisco: Coffee Equipment Service, 282 6th St.
Denver: Midwest Electric Service Co., 1124 Santa Fe Drive
Portland: Morrison Electric Co., 1206 S.W. Washington
Spokane: Appliance Parts & Serv. Co., 609 W. Trent
Seattle: Appliance Parts & Service Co., 216 Stewart St.

HOBART MFG. CO., Penn. Ave. and Simpson St., Troy, Ohio.
(See also KitchenAid Electric Housewares Div. and KitchenAid Home Dishwasher Div.)

HOFFMAN ELECTRONICS CORP., Radio & TV Division, 6200 S. Avalon Blvd., Los Angeles 3, Calif.; Laboratories Division, 3761 S. Hill St., Los Angeles 7, Calif.
(Hoffman New Black Easy-Vision television)
Distributors:
Phoenix: Black & Ryan, 630 W. Washington St.
Fresno: Hoffman Sales Division, 1740 Van Ness Ave.
Los Angeles: Hoffman Sales Corp., 426 W. College St.
Sacramento: Hoffman Sales Division, 1115 R St. (14)
San Diego: San Diego Appliance Dist., 446 W. Beech St.
San Francisco: Hoffman Sales Corp., 450 9th St.
San Jose: Tom Doyle Co., 90 Santa Teresa St.
Denver: Independent Distributors Inc., 1164 Elati St. (4)
Boise: Graybar Electric Co. Inc., 1325 Idaho St.
Butte: Treasure State Gas & Electric Co., 827 S. Montana
Albuquerque: Appliance Distributors Inc., 317 N. Commercial
Portland: Hoffman Sales Corp., 600 S.E. Stark St.
El Paso: Appliance Distributors Inc., 1409 Texas St.
Salt Lake City: Graybar Electric Co., 336 N. 3rd West St.
Seattle: Hoffman Sales Corp., 65 Cedar St.
Spokane: Tel-Electric Distributors, N. 734 Division
Honolulu: Electrical Distributors Ltd., 1440 Kapiolani Blvd.

HOLLAND-RIEGER, INC. (See Apex Rotarex Corp.)

HOOVER CO., North Canton, Ohio
(Hoover cleaners)
Factory branch stations (prepared to render any service; also have service salesmen and agents throughout Western states; parts are not available to the trade.)
Seattle: 2124 2nd Ave.
Spokane: West 1001 Ide Ave.
Portland: 527 S.W. Hall St.
San Francisco: 3501 California St.
Oakland: 612 High St.
Los Angeles: 2411 W. 3rd St.
Long Beach: 1209 Pine Ave.
Pasadena: 25 S. Raymond Ave.
Sacramento: 2743 Franklin Blvd.
San Diego: 524 F St.
Santa Clara: 2925 Park Ave.
Denver: 2217 E. Colfax Ave.
Salt Lake City: 1524 S. 11th St., E.

HORTON MANUFACTURING CO., 781 Osage St., Fort Wayne 1, Ind.
(Horton washers and ironers; handle parts and service on F. L. Jacobs Co. Launderall)
Service Stations:
Seattle: Appl. Parts & Service, 216 Stewart St.
Los Angeles: Elec. Appl. Service Corp., 726 W. Venice Blvd.; Washing Machine Parts Co., 1241 S. Hope St.
San Francisco: Elec. Appl. Service Corp., 236 Harriet St. (3); Washing Machine Parts Co., 1375 Mission St.
Long Beach: Home Service Co., 2100 E. 4th St.
Portland: W. L. May Co., 215 N.W. Park Ave. (9); Appliance Wholesalers, 600 N.W. 14th Ave.
Denver: Ray Jones, 376 S. Broadway (9); Niles Washing Machine Supply, 509 14th St.
San Diego: Washing Mach. Parts Co., 1743 India St.; Electrical Appliance Service Corp., 302 17th St.
Salt Lake City: A-1 Master Electrical Shop, 47 E. 4th St.
Sacramento: Al Bedard's, 1626 N. C St.

HOTPOINT CO., 5600 West Taylor St., Chicago 44, Ill.
District Offices at:
Los Angeles: 905 Tishman Bldg., 3460 Wilshire Blvd. (5)
San Francisco: Western Merchandise Mart, 1355 Market St. (3)
Seattle: 6346 39th St., S.S. (6)
(Hotpoint ranges, water heaters, refrigerators, washers, ironers, dishwashers, dryers, disposalls, cabinets, freezers, dehumidifiers, commercial cooking equipment)
Household appliances:
Seattle: Graybar Elec. Co. Inc., King & Occidental St. (4)
Spokane: Graybar Elec. Co. Inc.
Tacoma: Graybar Elec. Co. Inc., 2112 A St. (1)
Portland: Graybar Elec. Co. Inc., Park and Flanders Sts. (9)
Fresno: General Elec. Supply Co., 1234 O St., Box 2066
Long Beach: General Elec. Supply Co., 840 W. 12th St.
Los Angeles: General Elec. Supply Co., 2440 Wilshire Blvd. (5); 700 Turner St. (54)
Oakland: Graybar Elec. Co. Inc., 1911 Union St. (7)
Sacramento: Graybar Elec. Co. 1900 14th St. (1)
San Bernardino: General Elec. Supply Co., 485 S. I St.
San Diego: General Elec. Supply Co., 450 2nd Ave. (12)
San Francisco: Graybar Elec. Co. Inc., 1750 Alameda Ave. (3)
Denver: General Elec. Supply Co., 1429 18th St. (17)
Salt Lake City: Graybar Electric Co. Inc., 336 N. 3rd West St. (13)
Boise: Graybar Electric Co., Inc., 14th & Idaho Sts.
Phoenix: General Elec. Supply Co., 441 W. Madison St.
Butte: Graybar Elec. Co., Inc., 604 E. Aluminum St.
Eugene: Graybar Elec. Co. Inc., 2180 W. 6th St.
Albuquerque: General Elec. Supply Co., 820 N. 1st St.
El Paso: Gorman Engineering Co., 1701 Texas St.
Honolulu: Hawaiian Elec. Supply Co., P. O. Box 459 (3)
Commercial cooking equipment:
San Francisco: Dohrmann Commercial Co., 984 Mission St. (3)
Honolulu: Hawaiian Elec. Supply Co., 930 Clayton St.
Albuquerque: General Electric Supply Corp., 820 N. First Ave.
Denver: General Electric Supply Co., 1429 18th St. (17)

HOTSTREAM HEATER CO., 2363 E. 69th St., Cleveland (4) Ohio
(Hotstream electric heaters)
Parts from Cleveland only

ICETTE
(See General Construction Corp.)

INDUSTRIAL TIMER CORP., 1407 McCarter Highway, Newark 4, N. J.
Representatives:
Phoenix: E. V. Roberts & Associates, 909 N. First St.
Los Angeles: E. V. Roberts & Associates, 5068 W. Washington Blvd.
San Francisco: E. V. Roberts & Associates, 61 Renato Court, Redwood City
Seattle: C. B. Parsons, 3028 First Ave.

INGERSOLL DIV. of WATERBURY CLOCK CO., 31 Cherry Ave., Waterbury 91, Conn.
(Ingersoll, Kelton, Connecticut and Waterbury clocks)
Factory service only.

INTERNATIONAL APPLIANCE CORP., 222 5th Ave., New York 1, N. Y.
(Broil-King appliances)
Los Angeles: Electrical Appl. Service Co., 726 W. Venice Blvd. (15)
Oakland: California Electric Service, 1246 E. 14th St.
Sacramento: Lam-Co Electric, 1415 21st St.
San Diego: Electrical Appl. Service Co., 302 17th St.
San Francisco: California Electric Service, 168 First St.
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave.

INTERNATIONAL HARVESTER CO., 180 N. Michigan Ave., Chicago 1, Ill.
Distributors:
Los Angeles: International Harvester Co., 734 Lawrence St. (21)
Oakland: International Harvester Co., 2855 Cypress St. (4)
Salt Lake City: International Harvester Co., 435 W. 4th South (9)
Seattle: Love Electric Co., 318 Westlake Ave.
Refrigeration Parts and Service; International Harvester Co. District Offices:
Los Angeles: 734 Lawrence St. (21)
Oakland: 2855 Cypress St. (4)
Portland: McLaughlin Blvd. and Harvester Drive (22)
Salt Lake City: 435 W. 4th S. (9)
Spokane: 715 E. Sprague Ave. (1)

INTERSTATE ENGINEERING CORP., 2250 E. Imperial Highway, El Segundo, Calif.
(Compact and Revelation vacuum cleaners)
Repair parts and service at factory.

IRONRITE INC., 332 Cass Ave., Mt. Clemens, Mich.
(Ironrite Ironer)
Distributors:
Los Angeles: Rite Distributors Inc., 511 W. Olympic Blvd. (15)
Oakland: W. J. Weinert Distributing Co. Inc., 3100 Telegraph Ave. (9)
Denver: Rocky Mountain Ironer Co., 610 S. Broadway (9)
Billings: Midland Implement Co. Inc., P. O. Box 2113
Portland: Dean Distributing Co., 626 S.W. Stark St. (14)
Albuquerque: Zork Hardware Co. of N. M., P. O. Box 1295
Salt Lake City: Andersen Distributing Co., 142 S. 5th West
Seattle: O'Neill-Grewe Distributors Inc., 2020 3rd Ave.

JACKSON APPL. MFG. CO., 218 Flatbush Ave., Brooklyn 17, N.Y.
(Lady Jackson appliances)
Factory service only.

JACOBS CO., F. L., 1043 Spruce St., Detroit 1, Mich.
(See Horton Mfg. Co.)

JAMES CLOCK MFG. CO., 5307 E. 14th St., Oakland 1, Calif.
(James Remind-O-Clock)
Factory service only.

JAMES INC., Independence, Kan.
(James automatic dishwashers)
Distributors:
Phoenix: Electrical Equipment Co., 1st Ave. at Madison
San Francisco: Thompson & Holmes Ltd., 650 Second St.
Denver: Western Appliance Corp., 201 S. Cherokee St.
Billings: Heald Supply Co., 3008 First Ave. N.
Portland: Eoff Electric Co., 509 N. W. 10th Ave.
Salt Lake City: ZCMI Wholesale Distributors, 1665 Bennett Road
Seattle: Zerega Distributing Co., 515 Westlake N.
Spokane: Taylor Distributing Co., E. 206 Augusta Ave.
Honolulu: Electrical Distributors Ltd., 1216 Kapiolani Blvd. (14)
Service:
San Francisco: Scott-Babich Co., 24 Santa Ynez
Denver: Lambert Refrigeration Service, 4321 W. 39th Ave.
Salt Lake City: Intermountain Appliance Service Co., 708 S. State St.
Spokane: Huntley Appliance Clinic, N. 726 Division; (parts) Appliance Parts & Service Co., W. 609 Trent

JOHNSON & SON INC., S. C., Racine, Wis.
(Polisher and Polisher-Scrubber)
Service Stations:
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd.
Sacramento: Sacramento Electric Co., 1931 J St. (14)
San Diego: Electrical Appl. Service Corp., 302 17th St. (2)
San Francisco: Electrical Appl. Service Corp., 1434 Howard St. (3); California Electric Service Inc., 168 First St. (5)
Denver: Marine Air Conditioners, 1863 Wazee St. (2)

Lewiston: Union Paper & Supply Co., 206 Ninth St.
Albuquerque: Electric Motor Co., 1801 Lomas Blvd., N.E.
Portland: Stark's Vacuum Cleaner Sales & Service, 20 S.E. Grand Ave. (14)
Salt Lake City: Intermountain Appliance Service. 708 S. State
Seattle: A Appliance Co., 610 E. Pine St. (22).
Spokane: Appliance Parts & Service Co., W. 609 Trent Ave.
Honolulu: Hawaiian Electric Co.

JORDON REFRIGERATOR CO., 7900 Tabor Road, Philadelphia 11, Pa.
(Refrigeration equipment including freezers, refrigerators, beverage coolers, merchandising cabinets, ice cream storage cabinets, wall cases and reach-in refrigerators)
Factory service only

KAUFFMAN AIR CONDITIONING CO., 4505 Olive St., St. Louis 8, Mo.
(Kauffman room coolers, store coolers, central station cooling units, air conditioning systems, dehumidifiers, humidifiers, cooling towers)
Factory service only

KAUFMAN MFG. CO., Manitowoc, Wis.
(Hedgemaster portable hedge trimmer, Model 51 Kaufman electric grass trimmer, K-400 twins, trimmer or edger with interchangeable heads)
Factory service only.

KAYE-HALBERT CORP., 3623 Eastham Drive, Culver City, Calif.
(Kaye-Halbert television receivers)
Distributors:
Fresno: Air Wave TV
Los Angeles: Kaye-Halbert Distributors Inc.
Oakland: East Bay TV
San Diego: Bonded TV
San Jose: San Jose TV Lab Service.
Portland: The Moore Co.
Salt Lake City: Edward J. Moreau Co.
El Paso: Reichel Distributing Co. Service
Spokane: Kellers TV Sales & Service
Yakima: Sunset TV Sales & Service
Honolulu: Electronic Associates Ltd.

KELTON CLOCKS
(See Ingersoll Div.)

KELVINATOR (See American Motors Corp.)

KEYSTONE SILVER INC., 509 W. 34th St., New York 1, N. Y.
(Keystoneware percolators)
Service stations:
Los Angeles: California Electric Service Inc., 832 S. Alvarado St.
San Francisco: Appliance Service Factors, 123 Steuart St.
Portland: Morrison Electric Co., 1206 S.W. Washington St.
Seattle: A Appliance Co., 610 E. Pine St.

KING REFRIGERATOR CORP., 7602 Woodhaven Blvd., Glendale, L. I., N. Y.
(Refrigerators, home freezers, air conditioners)
Write factory for all information

KIRBY HOME RENOVATION SYSTEM (See Scott & Fetzer Co.)

KISCO CO. INC., 2400-40 DeKalb St., St. Louis 4, Mo.
(Kisco Circulair and Cool-Circle-Ator)
Factory service only.

KITCHENAID ELECTRIC HOUSEWARES DIV., Hobart Mfg. Co., Troy, Ohio
(KitchenAid electrical food preparers and electric coffee mills)
Service Stations:
Hobart Sales Agency in San Francisco, San Diego, Santa Rosa, San Jose, Sacramento, Fresno, Los Angeles, Oakland, Long Beach, Stockton, San Bernardino, Denver, Pueblo, Billings, Helena, Boise, Portland, Seattle, Spokane, Tacoma, Salt Lake City, Phoenix, Reno, Eugene, Santa Ana, Tucson

KITCHENAID HOME DISHWASHER DIV., Hobart Mfg. Co., Troy, Ohio
(KitchenAid automatic home dishwasher)
(See classified telephone directory or write factory)

KNAPP-MONARCH CO., Bent & Potomac St., St. Louis 16, Mo.
(Knapp-Monarch and Kemco appliances. Parts for Modern Home, Armaid, Hamilton Ross, Kwikway, Electrex, Rex Ray and Faultless)
Service Stations and Distributors:
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.
Los Angeles: Elec'l. Appl. Service Corp., 726 W. Venice Blvd.
San Diego: Elec'l. Appl. Service Corp., 302 17th St.
San Francisco: Elect. Appl. Service Corp., 1434 Howard St.
Denver: Western Repair & Electric, 1203 California
Portland: Morrison Electric Co., 1236 S. W. Washington (5); Houston's (Sparklet only), 403 S. W. 10th.
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: J. M. Hooper Electric Co., 215 Marion St.
Spokane: Spokane Appliance Repair, 173 So. Wall St.
Factory service also.

KORD MANUFACTURING CO. INC., 4510 White Plains Road, New York 65, N. Y.
(Heaters and table stoves)
Service Stations:
San Francisco: M. C. Ross, 190 Gough St. (for California)
Boise: C. A. Bodily Radio Service, 1603 No. 13th (for Idaho)
Salt Lake City: Appliance Service Center, 57 Richards St. (for Utah)
Portland: Arrow Electric Co., 911 S.W. 9th Ave. (for Oregon)

L. & H. ELECTRIC RANGES (See A. J. Lindemann & Hoverson Co.)

LANDERS, FRARY & CLARK, New Britain, Conn.
(Universal electric housewares)
Service Stations:
Phoenix: *Vinson Carter Elec. Co., 325 N. 4th St.
Tucson: Grabe Electric Co. Inc., 26 E. Congress St.
Fresno: The Clock Shop, 1418 Fulton St.
Long Beach: *California Elec. Service Inc., 1407 E. 4th St.
Los Angeles: *California Elec. Service Inc., 832 S. Alvarado St.; Western States Electric Service Co., 5707 Santa Monica Blvd.
Oakland: *California Electric Service Inc., 1246 E. 14th St.
Pasadena: *California Electric Service Inc., 2594 E. Colorado.
Sacramento: *Allied Appliance Sales & Service, 1223 28th St.
San Diego: *J. F. Zwiener Elec. Co., 1242 1st Ave.
San Francisco: *California Electric Service Inc., 168 First St. (5)
San Jose: *D & S Repair Service, 832-836 Park Ave.
Santa Barbara: *Mel-Time Repairs, 20 W. Carrillo St.
Denver: Mid-West Electric Service Co., 1124 Santa Fe Drive (4)
Boise: *Boise Cyclery, 208 N. 9th.
Eugene: Garrett Appliance Co., 136 E. Broadway
Portland: Morrison Elec. Co., 1206 S.W. Washington at 12th.
Bremerton: Lent's, 279 4th St.
Seattle: *Appliance Parts & Service Co., 216 Stewart St. (1)
Spokane: *Appliance Parts & Service Co., 609 W. Trent Ave.
Tacoma: *Ajax Electric Co., 747 Fawcett Ave.
Butte: *Radio Eng. & Service Co., 219 W. Park St.
Albuquerque: *Appliance Service Center, 1903 4th St., N.W.
El Paso: *Wayne M. Tinkler & Co. Ltd., 2731 E. Yandell
Salt Lake City: *Intermountain Appliance Service, 708 S. State.
Yakima: Yakima Hardware Co., 220 S. First St.
Honolulu: Electrical Distributors Inc., 1216 Kapiolani Blvd.
*—Cleaner service & parts as well as electric housewares parts & service
Vacuum cleaner service stations only:
Tucson: Vinson Carter Elec. Co., 1043 E. 6th St.
Los Angeles: Louis Clark, 2141 W. Washington Blvd.; Los Angeles Elec. Sales & Serv., 1301 W. Washington Blvd.
San Francisco: Noel Vacuum Cleaner Co., 580 Valencia St.
Reno: Landa Elec. Co., 721 E. 2nd.
Portland: Bressie Electric Co., 909 S. W. 5th Ave.

LaSALLE PROD., INC., 143 Seneca St., Buffalo 3, N. Y.
(Heetaires)
Service Stations:
Phoenix: Reliable Wholesale, 33 N. 6th Ave.
Tucson: Grabe Electric Co., P.O. Box 143, 26 E. Congress St.
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd.
Sacramento: Lamco Elec., 1415 21st St.
San Diego: Electrical Appliance Service Corp., 302 17th St.
San Francisco: Appliance Service Factors, 123 Steuart St.
Medford: Electronic Service, 18 N. Grape
Portland: Morrison Elec. Co., 5 S.W. Washington & 13th St.; Bee Elec. Serv. Co., 28 N.W. 10th Ave.
Seattle: A Appl. Co., 610 E. Pine.
Spokane: Spokane Appl. Repair, S. 173 Wall St.

LAUNDERALL WASHERS
(See Horton Mfg. Co.)

LAUNDRY QUEEN
(See Frantz Mfg. Co.)

LEAR INC., 3171 S. Bundy Drive, Santa Monica, Calif.
West Coast Sales and Service:
LearCal Division, 11916 W. Pico Blvd., Los Angeles 64, Calif.
(Lear Aircraft Radio)

LECTRO SPEED CO., 12005 N. Burgard, Portland 3, Ore.
(Automatic storage water heaters and Booster water heaters)
Distributors:
Boise: Refrigerative Supply Inc., 1030 LaPointe St.
Pocatello: Bilimeyer's Wholesalers, 248 S. Arthur
Sandpoint: Monida Supply Co., 231 N. 3rd Ave.
Missoula: Missoula Mercantile Co.
Eugene: Peerless Pacific Co., 2633 Roosevelt Blvd.; Refrigerative Supply, 234 5th Ave. W.; Vitus Electric & Supply Co., 140 E. 5th
Medford: Central Supply of So. Ore.; 425 N. Front
Portland: Central Supply Co., 838 S.W. 1st; Dohrmann Hotel Supply, 50 N.W. Oregon; Electrical Distributing Co., 140 N.W. 14th; Grinnell Co. of Ore., 3240 N.W. 29th; J. E. Hasettine & Co., 115 S.W. 2nd; Mesher Supply Co., 312 S.W. Stark; Peerless Pacific Co., 2238 N. Interstate; Refrigerative Supply Co., 619 S.W. 6th; Standard Supply Co., 934 S.W. 6th; Stone Supply Co., 947 S.W. Market
Centralia: Rome Supply Co., 708 W. Main
Kennewick: Peerless Pacific, 103 E. Kennewick
Pasco: Northwest States Supply Co., Warehouse No. 3, City Airport
Seattle: Bowles Inc., 101 Jackson St.; Northwest Plumber Supply, 509 Boren N.; Plumbers Supply Co., 2114 Western Ave.; Refrigerative Supply Inc., 2602 1st St.
Spokane: Northwest States Supply Co., E. 3008 Trent; Dohrmann Hotel Supply, 1408 N. Washington
Tacoma: Refrigerative Supply Co., 1424 S. Tacoma Way
Walla Walla: Miller Supply Co., Walulla Road
Yakima: Refrigerative Supply Inc., 5 N. 6th Ave.

LEKTRO PRODUCTS INC., Milford, Conn.
(Packard shavers)
Service Stations:
Phoenix: 128 S. Central Ave.
Tucson: 307 E. Congress St.
Fresno: 1916 Fresno St.
Hollywood: 6636 Hollywood Blvd.
Long Beach: 238 E. 1st St.
Los Angeles: 711 S. Olive St. (14)
Oakland: 25 Grand St. (12)
Sacramento: 1107 J St.
San Diego: 426 C St.
San Francisco: 41 1st St.; 450 Geary St.
Denver: 1525 Arapahoe St. (2)
Portland: 525 S. W. Pine St. (4)
El Paso: 407 Texas St.
Salt Lake City: 47 W. S. Temple.
Seattle: 1910 4th Ave. (1)
Spokane: W. 916 Riverside Ave. (2)
Tacoma: 1003 A St.
Boise: 609 Bannock St.

LEONARD REFRIGERATORS
(See American Motors Corp.)

LEWYT CORP., 60 Broadway, Brooklyn 11, N. Y.
Distributors:
Phoenix: Albert Mathias & Co. Inc., 305 S. 2nd Ave.
Los Angeles: Sues, Young & Brown Inc., 3636 S. Bronson Ave.
San Diego: Distributors Inc., 541 Second Ave.
San Francisco: Frank Edwards Co. Inc., 282 6th St.
Denver: Allied Appliances Inc., 4425 E. 46th Ave.
Billings: Midland Implement Co. Inc., 2303 Montana Ave.
Portland: Electrical Distributors Inc., 140 N.W. 14th Ave.
El Paso: Albert Mathias & Co., 119 S. Mesa
Salt Lake City: General Appliance Corp., 341 Rio Grande St.
Seattle: Fidelity Electric Co. Inc., 960 Republican St.
Spokane: Columbia Electric & Mfg. Co., S. 123 Wall
Honolulu: Hawaiian Electric Supply Co., 930 Clayton St.

LIBERTY ELEC. CO., 1915 Madison Ave., Indianapolis, Ind.

LIGHTOLIER INC., 346 Claremont Ave., Jersey City 5, N. J.
(Lightolier fluorescent and incandescent lighting fixtures, portable lamps)
Factory service only.

LIGHTING PRODUCTS INC., P. O. Box 338, Highland Park, Ill.
(Arcalux, Luv-R-Lok, Variform, Panelux, Industrial, Educator, ThinLite, Constellation fluorescent fixtures)
Representatives:
San Francisco: James Mundstock, 320 Market St.
Denver: Fred E. Stalbie & Sons, 2046 Arapahoe (2)
Seattle: Wm. O. Proby & Associates, 522 First Ave. S.
Portland: E. A. Ryan, 135 N.W. Park (15)

A. J. LINDEMANN & HOVERSON CO., 401 W. Cleveland Ave., Milwaukee 15, Wis.
(L&H "Custom-Built" electric ranges, water heaters)
Distributors:
Phoenix: Arizona Wholesale Electric Co., 220 S. 1st Ave.; Black & Ryan, 630 W. Washington; Brown Wholesale Electric, 1725 E. Washington; Phoenix Electric Supply, 1126 E. Washington; Midland Specialty Co., 233 S. 11th Ave.
San Francisco: Lavenson & Savasta, 586 6th St. (3); Incandescent Supply Co., 647 Mission St.
Denver: Boyd Dist. Co., 1661 W. 3rd Ave.; Central Elec. Supply Co., P. O. Box 267; Ben Cook Supply, 24th & Blake; Hassco Inc., 1745 Wazee St.; Ward Terry Co., 70 Rio Grande Blvd.; McCollum-Law Corp., P. O. Box 6508
Boise: Afton-Lemp Electric, 401 S. 9th St.
Billings: American Appliance, 2505 Montana Ave.; Par Dist. Co., P. O. Box 670

Albuquerque: J. Korber & Co., 206 2nd St., N.W.
Roswell: Electrical & Mechanical Supply Co., P. O. Box 952
Portland: Lou Johnson, 1506 N.W. Irving; Raybar Distributors, 1315 N.W. Glisan
Salt Lake City: Acme Dist. Co., 448 W. 7th St.; Utah Plumbing Supply, 2460 State St.
Seattle: Robinson Distr. Corp., 3129 Western Ave. (1)
Spokane: Taylor Dist., P. O. Box 1077; Inland Electric Co., 812 W. 4th Ave.

LIONEL CORP., 15 E. 26th St., New York 10, N. Y.
(Factory: 28 Sager Place, Irvington 11, N. J.)
(Lionel elec. trains, Model R. R. equipment, construction kits, Trainmaster transformers)
Service Stations:
Phoenix: Freeman's Hobby Haven, 1614 E. Thomas Road; Hamp's Hobby House, 1147 E. McDowell Road
Tucson: Townsend's, 2751 N. Campbell Ave.; Tucson Train Shop, 4352 E. Speedway.
Alhambra, Calif.: W. L. Moore, 7 S. 2nd St.
Bakersfield: **John B. Friesen, 2000 Quincy St.**
Berkeley: **Berkeley Hdwe. Co. 2109 University Ave.**
Bijou: Tahoe Trains, Nel's Variety Shop, Highway 50
Burlingame: Burlingame Hobby, 1208 Burlingame Ave.
Compton: Smokey's Roundhouse, 1305 E. Compton Blvd.
Fresno: Arthur's Toy Shop, 911-915 Broadway
Glendale: Rossmoyne Hobby Supply, 625 N. Glendale Ave.
Hollywood: **Hollywood Hobby & Elec. Shop, 1522 Cahuenga Blvd.**
Inglewood: **The Hobby House, 610 E. Manchester Blvd.**
Long Beach: Ray's Hobby Model Supply, 1222 American Ave.
Los Angeles: Colonel Bob's, 3707½-09 W. Pico Blvd.; Train Repairs, 5406½ Lemon Grove
Marysville: Mac's Round House, 514 Eye St.
Oakland: Jack Collier's "Toys for Men," 3669 Grand Ave.; Lee's Train Service, **3980 Piedmont** Ave.
Palo Alto: The Engine House, 3777 El Camino Real
Pasadena: Garstang's Trains & Toys, 87 E. Colorado St.
Rosemead: Toytown, 8914 E. Valley Blvd.
Sacramento: H. Cameron Jr., 609 Jay St.; H. K. Vance, Train Repairs, 2538 5th Ave.
San Anselmo: Toy Town, 556 San Anselmo Ave.
San Bernardino: Blair's Toys, 426 Highland Ave.
San Diego: Frank "The Trainman," 4310 Park Blvd.; Railway Hobbycraft, 4226 University Ave.
San Dimas: G. F. Harbin Co., 209 W. Bonita Ave.
San Francisco: Atlas Appliance Service, 623 Larkin St.; Norman's, 645 Clement St.
San Jose: Glenn's Cyclery & Hobby Shop, 1362 Lincoln Ave.
San Leandro: San Leandro Toyland, 1374 E. 14th St.
San Mateo: Jack Smith Toys & Bicycles, 2130 El Camino Real
Santa Barbara: Fred Baumgarten, 423 Chapala St.
Sherman Oaks: Capt. Eddie's Hobby Shop, 15010 Ventura Blvd.
Stockton: Hobby Craft Shop, 637 E. Main St.; The Toy Box, 3220 Pacific Ave.
Walnut Creek: Tots N' Teens Toy Shop, 1414 Main St.
Boulder: Boulder Hobby Shop, 1834 Broadway
Colorado Springs: Earl Udick Service, 115 N. Nevada Ave.
Denver: Dire's Repair Service, 1104 18th Ave.; Mountain Hardware, 2322 E. Colfax
Pueblo: Hobbycraft, 607 N. Main St.
Eugene: Magazine Exchange, 125 E. 11th
Portland: Flegel Train Repair, **3084 N. Interstate Ave.**
Ogden: **Loew's Hardware, 2326** Washington Blvd.
Salt Lake City: Electronic Service & Supply Co., 115 E. Broadway; Utah Electric & Motor Co., 630 S. State St.
Seattle: **Model Railroad Service, 5801 Roosevelt Way; Model Engineering, 9524 Roosevelt Way;** Howell Electric Supply & Service Co., 522 Union St.
Spokane: Spokane Cycle & Toy Co., 217-219 N. Post St.
Tacoma: Model Shop, 917 Commerce St.
Yakima, Wash.: Staves & Son, 802 S. Naches Ave.
Boise: Fred Stivers Model R.R. Shop, 1315 Hays St.
Billings: Electric Supply Co., 214 N. 30th St.
Butte: Phillips Repair Shop, 2226 Silver Bow St.
Las Vegas: K & K Store, 225 N. 3rd St.
Reno: Builders & Farmers Hardware Co., 1274 So. Virginia St.
Albuquerque: Denton, 827 Kentucky, S.E.; Berg's Appliances, 3501 E. Central
Cheyenne: A-1 Service, 108 E. 8th St.
Honolulu: Athletic Supply of Hawaii Ltd., P.O. Box 1615

LITTLE GIANT INC.
(Laundry tray washers)
Parts and service:
Oakland: Electrical Appl. Service Co., 4238 Broadway
Sacramento: Elec'l. Appl. Service Co., 1626 N. C St.
San Francisco: Elec'l. Appl. Service Co., 1434 Howard St.

LONERGAN MFG. CO., Division of McGraw Electric Co., 704 N. Clark St., Albion, Mich.
(Coolerator air conditioners, central heating and cooling units)
Representatives:
Tucson: E. L. Schnadig, Oliver Specialty Co., 517 N. 4th Ave.
Los Angeles: George E. Smith, 1206 S. Maple, Bendix Mart (15)
San Francisco: Albert Groeschel, 1355 Market St.
Denver: Roy P. Mulhausen, 2013 S. Broadway (10)
Portland: W. P. Hemenway Co., P. O. Box 4032 (8)

LOVELL MFG. CO., Erie, Pa.
(Washing machine wringer rolls and repair work)
Distributors:
Denver: Ray Jones, 376 S. Broadway (9); **George S. Conley, 731 15th St.**
Los Angeles: Elec'l. Appl. Service, 726 W. Venice Blvd.
Portland: W. L. May Co., 215 N W. Park Ave.
Seattle: Appl. Parts & Serv. Co., 216 Stewart St.
San Francisco: Electric Appliance Service Corp., 1434 Howard St.
San Diego: Electric Appliance Service Corp., 302 17th St.
Boise: Karre Appliance Repair Shop, 13 S. Latah
Salt Lake City: **Apex Sales & Service, 171 E. Broadway**
Honolulu: Washing Machine Supplies Co., 1253 S. King St.

LUMIDOR MFG. CO. INC., 4801 E. 50th St., Los Angeles 58, Calif.

LUX CLOCK MFG. CO., THE, Waterbury, Conn.
Service stations:
Los Angeles: American Clock Co., 315 W. 5th St.
Denver: Clock Manor, 1901 E. Colfax Ave. (6)

LYON METAL PRODUCTS INC., **Aurora, Ill.**
Branch offices at:
Phoenix: 5545 N. Kay Drive
Los Angeles: 3650 Union Pacific Ave. (23)
San Francisco: P. O. Box 3096
Denver: 2142 Welton Ave. (6)
Portland: P. O. Box 3797
Seattle: 1755 Utah Ave. (4)

MACARTHUR PRODUCTS INC., **Indian Orchard, Mass.**
(MacArthur automatic electric iron)
Factory nearest source supply.

MAGNAVOX CO., THE, Fort Wayne 4, Ind.
(Magnavox radio, phonograph, radio-phonograph combinations and television)
Magnavox franchised dealers and factory-authorized service agencies service Magnavox instruments. (See classified section of telephone directory for list.)
Replacement parts:
Los Angeles: Magnavox Co., parts department, 2424 E. 8th St.
Honolulu: Bergstrom Music Co., Beretania & Makiki St., sales, service and parts.

MAJESTIC ELECTRIC APPL. CO., 1058 Folsom St., San Francisco (3), Calif.

MAJESTIC RADIO & TELEVISION, Div. Wilcox-Gay Corp., 70 Washington St., Brooklyn 1, N.Y.
Branch Office: 2772 W. Olympic Blvd., Los Angeles 6
Distributors:
Butte: Northwest Sales Supply Co., Box 368
Los Angeles: Pacific Appliance Corp., 1776 S. Robertson Blvd.
Portland: Premium Distributing Co., 1121 S.W. Washington St.
Ogden: Ballard & Carter, 2428 Grant Ave.
Seattle: Western Electric Supply Co., 717 Dexter Ave.
Denver: Ealge Distributors Co., 4303 Brighton Blvd.

MALLEABLE IRON FITTINGS CO. INC., Pole Hardware Div., Branford, Conn.
Representatives:
San Francisco: Waltham, DeWitt & Krusi, 632 Monadnock Bldg.
Los Angeles: Industrial Eng. & Equipment Corp., 720 Subway **Terminal Bldg. (13)**
Portland: William J. Cottrell & Associates, 4000 Macadam Ave. (1)
Warehouses: Los Angeles, San Francisco and Portland

MANITOWOC EQUIPMENT WORKS, Div., Manitowoc Co. Inc., 621 Quay St., Manitowoc, Wis.
(Manitowoc freezers)
Distributors:
Los Angeles: Quality Distributors Inc., 2525 S. Yates Ave.
San Francisco: Ryan Distributing Co., 780 Ringwood Ave., Menlo Park
Denver: Independent Distributors Inc., 1164 Elati St. (4)
Billings: Midland Implement Co. Inc., 2303 Montana Ave.
Great Falls: Midland Implement Co. Inc.
Albuquerque: Gorman Engineering Co. of N.M., 1330 N. 12th St.
Portland: R. M. Wade & Co., 1919 N.W. Therman (9)
Salt Lake City: General Appliance Corp., 241 Rio Grande
Seattle: R. M. Wade Co., 532 First Ave. S. (4)

MANNING BOWMAN DIVISION, McGraw Electric Co., Boonville, Mo.
Service Stations:
Denver: Midwest Elec. Co., 1124 Santa Fe Drive (4)
Los Angeles: K. E. Campbell, 316 E. 3rd St. (13)
San Diego: Zweiner Elec. Co., 1242 1st Ave.
San Francisco: **Campbell Bros., 657 Mission St.**
Portland: **Morrison Elec. Supply, 1206 S. W. Washington St. (5)**
Seattle: Appl. Parts & Service, 216 Stewart St.
Spokane: Appliance Parts & Service, 609 W. Trent Ave.
El Paso: **Wayne M. Tinkler Service Co., 2731 E. Yandell**
Salt Lake City: **Appliance Service Center, 57 Richards St.**
Honolulu: Vonn Hamm Co. Ltd.
Tropic-Aire Inc.-Everhot Service Stations
Phoenix: Vinson-Carter Electric Co., 325 N. 4th Ave.
Los Angeles: K. E. Campbell, 316 E. 3rd St.; (electric blankets only) California Therapy Equipment Co., 1051 S. Alvarado Blvd. (6)
San Francisco: **Campbell Bros., 657 Mission St.**
Denver: **Midwest Electric Service Co., 1124 Santa Fe Drive**
Portland: Morrison Electric Co., 1206 S.W. Washington (5)
Salt Lake City: Appliance Service Center Inc., **57 Richards St.**
Seattle: A Appliance Co., 610 E. Pine St. (22)

MARBRO LAMP, 1625 S. Los Angeles St., Los Angeles, Calif.

MARCO INDUSTRIES CO., **207 S.** Helena St., Anaheim, Calif.
(Indicator lights and Amerflex Flexible conduit assemblies)
Factory service only.

MARION ELEC. APPL.
(See Rutenber Elec. Co.)

MARKEL ELEC. PRODUCTS INC., 129 Seneca St., **Buffalo 3, N. Y.**
(Heetaire electric heaters, lighting fixtures)
Service Stations:
Phoenix: Reliable Wholesale, 33 N. 6th Ave.
Tucson: Grabe Electric Co., **26** E. Congress St.
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd.
Sacramento: Lam-Co. Elec., 1415 21st St.
San Diego: Electrical Appliance Service Co., 302 17th St.
San Francisco: **Appliance Service Factors, 123 Steuart St.**
Medford: Electronic Service, 18 N. Grape St.
Portland: Morrison Electric Service Co., 5 S.W. Washington & 13th St.; Bee Electric Service Co., **28 N.W. 10th Ave.**
Seattle: A Appliance Co., 610 E. Pine St. (22)
Spokane: Spokane Appl. Repair, S. 173 Wall St.

MARLUN MFG. CO. INC., 60-06 37th Ave., Woodside, L. I., N. Y.
(Ritz Black Angus)
Service Stations:
Los Angeles: J & S Co., 4356 W. 3rd St.
San Francisco: Appliance Service Factors, 123 Steuart St.
Denver: Western Repair & Electric Co., 1203 California St.

MARQUETTE APPLIANCES INC., 307 E. Hennepin Ave., **Minneapolis 14, Minn.**
(Marquette refrigerators, home freezers, chest and upright, gas and electric ranges, washers, conventional and automatic, ironers, driers, gas and electric water heaters, water coolers)
Parts depots:
Los Angeles: 2501 Yates Ave.
Oakland: 2500 Union St.
Seattle: 2904 6th Ave. S.
Distributors:
Phoenix: United TV & Appl. Service, 1025-27 Grand Ave.
Eureka: Dunstans Washing Machine Service, 402 F St.
Hemet: Reed's Appliance Service, 2166 E. Florida
Los Angeles: M.F.C. Co., 2142 Venice Blvd.
Modesto: Roy Keir, 118 Fresno Ave.
Oakland: AAA Refrigeration Sales & Service, 2227 Fruitvale Ave.
Sacramento: Hazen's Appliance Service, 5230 Franklin Blvd.
San Francisco: Pounds Refrigeration Service, 615 Diamond St.
San Jose: D.M.B. Washing Machine & Refrig. Serv. 141 San Juan Ave., Lomita Park
Salt Lake City: **Refrigeration** Service & Engineering Co., Inc., 62 W. 4th South
Seattle: Appliance Service Station, 1220 Westlake North

MARTIN-PARRY CORP.
(See Rexair Div.)

MASTER GRANDE WASHERS
(See Dorby Co.)

MAYTAG CO., **Newton, Iowa.**
(Maytag automatic and wringer washers, ironers, gas ranges and food freezers)
Distributors and Branch Offices:
Portland: Maytag Northwest Co., 1136 N.W. Hoyt St. (9). (Wash., Ore., Idaho, Utah, western Nev.)
Los Angeles: Maytag West Coast Co., 1225 W. Ninth St. (15). (Calif., eastern Nev.)
Colorado Springs: Maytag Rocky Mt. Co., 3525 Stone St. (Colo., Wyo., N.M., Ariz.)
Montana: The Maytag Co., 515 Washington Ave., N., Minneapolis, Minn.
Hawaiian Islands: Gray Distributing Ltd., 400 S. Beretania St., Honolulu

McALLISTER-ROSS CORP., 1806-1828 S. 52nd Ave., Chicago 50, Ill.
(McAllister "bagless" vacuum cleaners)
Factory service only

McGRAW ELECTRIC CO., Bersted Mfg. Div., Boonville, Mo.
(Eskimo and Zero fans, Eskimo-Fostoria and Bersted appliances)
Service Station:
Denver: Marine Air Conditioners, 1863 Wazee St. (2)
Los Angeles: K. E. Campbell, 316 E. Third St.
San Francisco: Campbell Bros., 657 Mission St. (5)
Portland: Northwest Repair Service, 1820 N.E. 41st Ave.
Seattle: Appliance Parts & Service, 214 Stewart St.

McGRAW ELECTRIC CO., Clark Div., 5201 W. 65th St., Chicago 38, Ill.
(Toastmaster electric and gas water heaters)
Distributors:
Phoenix: Graybar Electric Co., 434 W. Madison St.
Long Beach: Graybar Electric Co., Inc., 1700 Daisy St.
Los Angeles: Graybar Electric Co., Inc., 210 Anderson St.
San Diego: Graybar Electric Co., Inc., 720 State St.
Portland: Electrical Distributing Inc., 140 N.W. 14th Ave. (9)
Denver: Hendrie & Bolthoff Co., 1635 17th St.
Pueblo: N. O. Nelson Co., 118-22 E. River St.
Salt Lake City: N. O. Nelson Co., 380 W. 2nd South (1)
Seattle: Seattle Hardware Co., 501 First Ave. So.
Helena: D. N. Latus & Co., 1531 National Ave.
Honolulu: D M Distributors, P. O. Box 2195, 1232 Kona St.

MEADOWS CORP., 1954 S. 54th Ave., Chicago, Ill.
(See Thor Corp.)

MEIER ELECTRIC & MACHINE CO., INC., 3525 E. Washington St., Indianapolis 7, Ind.
(Meter Nu-Air window, portable, attic fans, electric wall and portable furnaces)
Factory representative for sales, parts and services:
Los Angeles: O. B. Wilt Co., 4510 Melbourne Ave.
San Francisco: O. B. Wilt Co., 1355 Market St.
Portland: Sanderlin Co., 201 S.W. Washington St.
Seattle: Sanderlin Co., 129-31 1st Ave. W.

MELL-O-CHIME AND SIGNAL CORP., 119 S. Jefferson St., Chicago 6, Ill.
(Chimes)
Repairs at plant.

METAL WARE CORP., Two Rivers, Wis.
(Empire and Empco domestic electric appliances)
Service Stations:
Long Beach: California Electric Service Inc., 1407 E. 4th St. (12)
Los Angeles: California Electric Service Inc., 832 S. Alvarado St. (57)
Oakland: California Electric Service Inc., 1246 E. 14th St. (6)
Pasadena: Calif. Electric Service Inc., 2582 E. Colorado St. (8)
San Francisco: California Electric Service Inc., 168 1st St. (5)
Portland: W. L. May Co., 215 N.W. Park St. (9)

MICRO-MOISTURE CONTROLS INC., 22 Jericho Turnpike, Mineola, L. I., N. Y.
(Weatherzone and Micro-Scotch Heater)
Distributor:
Los Angeles: Sol Conjor, 3757 Wilshire Blvd.

MIDGET HEATER & SPECIALTY CO., 2801 Pacific Ave., Tacoma 4, Wash.
Factory service only.

MILLER CO., THE, 99 Center St., Meriden, Conn.
(Merchant, Suburban, Supermarketer, Packaged Troffer, Industrial, Lexington, Hartford, Ceiling Unlimited Troffers, Ivanhoe lighting equipment)
Distributors:
Phoenix: G-E Supply Co., 1102 N. 22nd Ave.; Reliable Wholesale, 33 N. 6th Ave.
Tucson: G-E Supply Co., 2 E. 6th St.
Arcata: Industrial Elec. Serv., P. O. Box 665
Bakersfield: G-E Supply Co., 1134 33rd St.
Crescent City: Industrial Elec. Service Co., P. O. 283
Fresno: G-E Supply Co., 1234 O St.
Hollywood: Hollywood Wholesale Elec. Co., 6820 Romain St.
Long Beach: G-E Supply Co., 840 W. 12th St.
Los Angeles: G-E Supply Co., 700 Turner St.; Industrial Wholesale Elec. Co., 805 E. Pico Blvd.; Associated Wholesale Elec. Co., 1111 Santee St.
Oakland: G-E Supply Co., 5400 Hollis St., Emeryville (8)
Sacramento: G-E Supply Co., 1121 S St.; Superior Sales Co., 1725 19th St.
San Bernardino: G-E Supply Co., 485 S. I St.; Tri-Counties Elec. Wholesalers, 453 S. I St.
San Diego: G-E Supply Co., 450 2nd Ave.; Pacific Wholesale Elec. Co., 702 State St.
San Francisco: G-E Supply Co., 1201 Bryant St.; National Elec. Supply Co., 14th & Harrison St.
Santa Rosa: National Elec. Supply Co., 100 4th St.
Stockton: G-E Supply Co., 24 N. Aurora St.
Alamosa: Elliott-Schmidt Electric Co.
Colorado Springs: Central Elec. Supply Co., 442 N. Hancock St.
Denver: G-E Supply Co., 1429 18th St.; Central Elec. Supply Co., 500 Upper Quivas St., P. O. Box 267; Electric Sales Co., 211 Umitalla St.; Elliott-Schmidt Elec. Supply Co., 945 9th St.; Hendrie & Bolthoff, 1635 17th St.; Ryall Elec. Supply Co., 500 Lincoln St.; Rite Lite Supply Co., 1218 Galapago St.
Grand Junction: Elliott-Schmidt Elec. Co., 1302 Grand Ave.
Paonia: Central Elec. Supply Co., P. O. Box 547
Pueblo: American Elec. Co., 820 W. 4th St.
Boise: G-E Supply Co., 618 S. 8th St.
Pocatello: Industrial Distributors Inc., 1710 N. Main St.
Billings: G-E Supply Co., 2710 Montana Ave.
Butte: G-E Supply Co., 900 E. Front St.
Las Vegas: Tri-Counties Electrical Wholesalers, 1117½ S. Main St.; Osborne & Dermody Supply Co., 1305 S. A St.
Reno: Osborne & Dermody Supply Co., 255 Chestnut St.
Albuquerque: G-E Supply Co., 820 N. 1st St.
Eugene: Tillman-Booth Co., 215 W. 5th St.
Medford: G-E Supply Co., P. O. Box 1509
Portland: G-E Supply Co., 300 N.W. 14th St.; Baker Barkon Co., 1335 S.W. Morrison St.
Roseburg: Industrial Elec. Service Co., 118 S. Stephens St.
Salt Lake City: G-E Supply Co., 312 W. 2nd South St.
Aberdeen: Industrial Elec. Service Co., 319 S. I St.
Bellingham: Bellingham Supply Inc., 1420 State St.
Pasco: Lehl Elec. Supply Co., 327 W. Clark St.
Seattle: G-E Supply Co., 1212 1st Ave. S.; Palmer Elec. Co., 307 W. Lake Ave.
Spokane: G-E Supply Co., E. 1805 Trent Ave.
Tacoma: G-E Supply Co., 2316 A St.; Demick Elec. Co., 2919 Alaska St.; Home Elec. Co., 2212 A St., P. O. Box 1590
Wenatchee: Wells & Wade Co., 201-15 Wenatchee St.
Yakima: Inland Pipe & Supply Co., 202 S. Front St.
Casper: G-E Supply Co., 428 S. Elm St.
Hilo: American Factors Ltd.
Honolulu: American Factors Ltd., P. O. Box 3230

MILO MFG. CO., 2255 Bush St., San Francisco, Calif.

MIRACLE ELECTRIC CO., 208 N. Wabash Ave., Chicago 1, Ill.
(Small electric appliances)
Service Stations now being established.

MONITOR EQUIPMENT CORP., 640 W. 249th St., New York 71, N. Y.
(Monitor home appliances)
Service Stations:
Los Angeles: Washing Machine Parts Co. Inc., 1241 S. Hope St. (15)
San Francisco: Washing Machine Parts Co. Inc., 45 Rhode Island St. (3)
Helena: D. N. Latus & Co., 1531 National
Salt Lake City: Stewart Distr. Co., 505 So. 1st. W.
Tacoma: Dasco Wholesale Distributors, 2338 S. Tacoma Ave.

MONTAG STOVE & FURNACE WORKS, 2011 N. Columbia Blvd., Portland, Ore.
(Montag electric ranges and water heaters)

MOTOR PRODUCTS CORP., Deepfreeze Div., 2301 Davis St., North Chicago, Ill.
(Deepfreeze home freezers, refrigerators, electric ranges and water heaters, freezer packaging materials)
(See Deepfreeze)

MOTOROLA INC., 4545 Augusta Blvd., Chicago 51, Ill.
(Motorola radio, television and phonographs)
Distributors:
Phoenix: Arizona Distributors, P. O. Box 6302
Fresno: Harry Dooley & Co., P. O. Box 328
Maywood: Kierulff & Co., P. O. Box 27
San Diego: Nystrom Bros. Co., 2426 4th Ave.
San Francisco: W. J. Lancaster Co., 3150 3rd St. (24)
Denver: Allied Appliance Co., 4425 E. 56th Ave.
Billings: Taylor Dist. Co., P. O. Box 1116
Portland: Eoff Electric Co., 509 N. W. 10th St.
Salt Lake City: Salt Lake Hdwe. Co., P. O. Box 519 (9)
Seattle: Zerega Dist. Co., 515 Westlake Ave N. (9)
Spokane: Taylor Dist. Co., P. O. Box 1077
Honolulu: Electrical Distributors Ltd., electronics division, P. O. Box 228 (14)

MURLIN MANUFACTURING CO., Box 302, Quakertown, Pa.
(Marine lighting)
Sales Representatives:
Seattle: E. A. Will, 534 First Ave. S. (4)
San Francisco: Dahl-Beck Electric Co., 580-586 Howard St. (5)
Los Angeles: Allied Industries, 412 Seaton St.

MURRAY CORP. OF AMERICA, THE, Home Appliance Division, Scranton 2, Pa.
Regional Manager:
F. E. Johns, 433 Linda Ave., Oakland 11, Calif.

NATIONAL ELECTRIC MFG. CO., 1107 Sheffield, Niles, Mich.

NATIONAL PRESTO INDUSTRIES INC., Eau Claire, Wis.
(Presto iron, skillet, coffeemaker, cooker-fryer)
Service Center:
Los Angeles: Century Metalcraft Corp., 6000 Avalon Blvd. (3)
Service Stations:
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.
Tucson: Vinson-Carter Electric Co., E. 6th St.
Denver: Midwest Elec. Service Co., 1124-1126 Santa Fe Drive (4)
Long Beach: Calif. Elec. Service, Inc., 1407 E. 4th St.
Los Angeles: Calif. Elec. Service, Inc., 832 S. Alvarado St. (57)
Oakland: Calif. Elec. Service Inc., 1246 E. 14th St.
Pasadena: Calif. Elec. Service Inc., 2582 E. Colorado Blvd.
San Francisco: Calif. Elec. Service, Inc., 168 1st St.
Billings: Billings Electric Supply Co., 214 N. 30th St.
Portland: Bressie Electric, 909 S. W. 5th Ave. (4)
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: A. Appliance Co., 610 E. E. Pine St. (22)
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave. (8)
Honolulu: Hawaiian Electric Supply Co., 930 Clayton St.

NATIONAL SPECIALTIES CO., Howell and Tyler St., Fort Wayne, Ind.
(Miterite mitre box, Regular and Super-Industrial electric soldering irons)
Factory service only

NATIONAL STEEL CONSTRUCTION CO., 500 Myrtle St., Seattle 8, Wash.
(National and Columbia elec. water heaters)
Factory service only

NAXON UTILITIES CORP., 3600 W. Touhy Ave., Chicago 45, Ill.
(Naxon, Beanery, Vitamin deep fat fryer fry pan, Crook Cooker, Autogriddle, portable electric washers)
Service Stations:
Los Angeles: Elec'l. Appl. Service Corp., 726 W. Venice (18)
Denver: Niles Washing Machine Supply Co., 509 14th St. (2)
Tacoma: Ajax Electric Co., 747 Fawcett Ave. (3)

HERMAN NELSON DIV., AMERICAN AIR FILTER CO., INC., 1824 Third Ave., Moline, Ill.
(Unit ventilators, propeller fan-type unit heaters, propeller fans, unit blowers, portable heaters, centrifugal fans, centrifugal fan-type unit heaters de luxe unit heaters)
Division Offices:
Los Angeles: 6175 York Blvd.
San Francisco: 460 Ninth St.
Service Stations:
Phoenix: Alfred C. Baechlin Co., P.O. Box 912
Denver: AAF Co. Inc., 1660 Gilpin St.
Missoula: W. M. Walterskirchen Co., P.O. Box 1168
Albuquerque: Thermo-Techs, P. O. Box 4033
Portland: R. E. Chase & Co., 1220 S.W. Stark St.
Salt Lake City: Midgley-Huber, 44 W 8th South St. (4)
Seattle: R. E. Chase & Co., 414 Times Square Bldg.
Spokane: Nelson Mechanical Equipment Co., P. O. Box 5026

NESCO, INC., 1100 Neidringhaus Ave., Granite City, Ill.
(Nesco roasters, Fryrute fryers, and electrical housewares)
Service Stations:
Los Angeles: Nesco Appliance Service Center, 3141 E. 12th St.
Denver: Midwest Elec. Service Co., 1124 Santa Fe Drive
Portland: Bee Electric Co., 28 N. W. 10th St.
El Paso: Wayne M. Tinkler Co., 2731 E. Yandell
Salt Lake City: Intermountain Appliance Service, 708 E. State St.
Spokane: Appliance Parts & Service Co., 216 Stewart St. and 609 W. Trent St.
Honolulu: W. A. Ramsay Co., Kapiolani Blvd. and South St. (14)

NEW HOME SEWING MACHINES
(See Free Sewing Machine Co.)

NOMA LITES INC., 55 W. 13th St., New York 11, N. Y.
Factory at 409 N. 3rd St., St. Joseph, Mo.

NORGE SALES CORP., Borg-Warner Corp., Mdse. Mart Plaza, Chicago 54, Ill. Plants: Muskegon Hts., Mich.; Herrin, Ill., Effingham, Ill.; Muskegon, Mich.
(Electric refrigerators, ranges, washers, dryers, home freezers, water heaters)
Distributors:
Phoenix: Black & Ryan, 630 W. Washington, P.O. Box 2234
Fresno: Harry Dooley & Co., 727 L St.
Los Angeles: Sues, Young & Brown Inc., 3636 S. Bronson, P.O. Box 15538, Crenshaw Station (8)
San Diego: Nystrom Brothers Inc., 2426 4th Ave.
San Francisco: W. J. Lancaster Co., 3150 3rd St. (24)
Denver: Allied Appliances Inc., 26 Wazee Market (2)
Grand Junction: Salt Lake Hardware Co.
Boise: Salt Lake Hdwe. Co., 802 S. 8th St.
Billings: Midland Implement Co. Inc., 2303 Montana Ave., P.O. Box 2113
Silver City, N. M.: Home Furniture Co., 202 N. Bullard St., P.O. Box 1190.
Portland: F. B. Connelly Co., 905 N.W. 12th Ave. (9)
Salt Lake City, Salt Lake Hdwe. Co., 104 N. 3rd St. (10), P.O. Box 510
Seattle: F. B. Connelly Co., 1015 Republican St. (9)
Spokane: Columbia Elec. & Mfg. Co., S. 123 Wall St., (8)
Honolulu: General Products Co., 1283 Kapiolani Blvd.

NORTH AMERICAN ELEC. LAMP Co., 1014 Tyler St., St. Louis 6, Mo.

NUTONE INC., Madison & Redbank Rds.; Cincinnati 27, Ohio
(Electrical and mechanical door chimes, transformers, push buttons, kitchen ventilating fans and range hoods, electric ceiling heaters)
Representatives:
Los Angeles: NuTone Inc., F. B. Marple, 1734 S. Maple Ave. (15)
San Francisco: NuTone Inc., J. R. Scharfen, 1503 Folsom St.
Denver: Lewis C. Brady, 16 Acoma St. (9)
Seattle: NuTone Inc., Julian Wolf, 235 Westlake Ave. N. (9)

OASIS ELEC. WATER COOLER (See Ebco Mfg. Co.)

OHIO ELECTRIC CO., 659 9th Ave., New York 36, N. Y.
(Ohio Tuec Sanitator, DeLuxe cylinder vacuum cleaners, Handette & DeLuxe hand vacuum cleaners; also parts and repairs for Ohio models, J, S, & vacuum cleaners, Sweeper-Vac repair and parts)
Factory service only.

OLYMPIC RADIO & TELEVISION INC., 34-01 38th Ave., Long Island City 1, N. Y.
Distributors:
Phoenix: Mort Brayer's Radio & TV Co., 915 Grand Ave.
Los Angeles: Olympic of So. Calif. Inc., 6101 S. Central
San Francisco: Olympic Television of No. Calif. Inc., 715 Bryant St.
Denver: MFS Distributing Co., 2155 Blake St. (2)
Idaho Falls: Fonnesbeck Electric, 180 1st St.
Great Falls: Great Falls Paper Co., 600 2nd St.
Albuquerque: Bargaintown Stores of Albuquerque Inc., 4000 Central S.W.
Portland: The Moore Co., 1415 S. W. Alder St.
Seattle: Lenihan Distributing Co., 151 Massachusetts Ave. (4)
Casper: Intermountain Wholesale Co., 129 N. Market St.

ONE MINUTE WASHER CO., Kellogg, Iowa
(One Minute washer)
Distributors:
Seattle: Appl. Parts & Service Co., 216 Stewart St. (1)
Portland: W. L. May Co., 215 N. W. Park Ave. (4)
Los Angeles: Washing Mach. Parts Co., 1241 S. Hope St. (15)
Denver: Ray Jones Washing Mach. Parts Co., 376 S. Broadway (9)
San Francisco: Washing Mach. Parts Co., 45 Rhode Island St.
San Diego: Washing Mach. Parts Co., 1743 India St.

OPERADIO MFG. CO., St. Charles, Ill. (See DuKane Corp.)

ORLEY FREEZERS INC., 475 Schaefer, Detroit 17, Mich.; 11-108 Merchandise Mart, Chicago 54, Ill.
(Orley home freezer)
Distributors:
San Francisco: Paul H. Rice Co., 1355 Market St. (3)

OSTER MFG. CO., JOHN, 5055 N. Lydell, Milwaukee 17, Wis.
Factory service:
Los Angeles: 1431 S. Los Angeles St.
San Francisco: 855 Stevenson St.
Seattle: 2214 First Ave.

PACIFIC ELECTRICORD CO., 3217 Exposition Place, Los Angeles 18, Calif.

PACKARD-BELL CO., 12333 W. Olympic Blvd., Los Angeles 64, Calif.
(Radios, television, air conditioning)
Distributors:
Seattle: Don Redmond, 1152 Thomas St.; Paul Swanson, 4620 Leary Way
Tacoma: N. Earl Davison, 2338 S. Tacoma Ave.,
Yakima: Earl C. Whitlock, 803 Summitview
Spokane: Ollie Haack, 38 W. 3rd Ave.
Portland: John Felker, 326 N.W. 21st Ave.
Salem: Merv Johnson, 2890 Silverton Rd.
Altadena: Frank E. Ware, 2085 N. Fair Oaks
Gardena: John G. Booth, 16402½ S. Vermont
South Gate: M. P. McKenna, 8640 State St.
Santa Ana: William Heggenberger, 406 N. Sullivan; Paul Daly, 118 Sebastopol Ave.
San Jose: George A. Gillespie, 996 N. 4th
Sacramento: J. R. Wing, 1930 W St.
Oakland: Norris Teakle, R. B. Odell, 3129 San Pablo Ave.
Ontario: Larry J. Frinchaboy, 128 E. A
San Francisco: Packard-Bell Co., 1355 Market St.; Edwin J. Holliday, W. P. Frost, 1157 Post St.
Stockton: Bert McReynolds, 122 E. Oak.
Fresno: Claude Shellenberger, 531 P St.
San Diego: Robert L. Covell, 3540 Adams Ave.; Tom Talmadge, 3538 Adams Ave.
Sherman Oaks: Ralph Kraus, 15149 Ventura Blvd.
Long Beach: W. S. Taylor, 2030 W. 16th St.
Los Angeles: Ed Aigner, R. M. Fjeldstad, Arthur Hast, E. A. Patterson, H. H. "Dusty" Rhodes, 1425 S. Flower St.; Bonar Davis, Richard P. Duane, 846 S. Robertson Blvd.
Phoenix: B. C. McAndrew, 228 E. Roosevelt St.
Tucson: James B. Borst, 745 N. 4th Ave.
Las Vegas: R. H. Day, 1025 Fremont St.
Albuquerque: Zork Hardware Co. of N. M., P. O. Box 1295
Pueblo: Packard-Bell Sales, 119 W. 13th St.
El Paso: Packard Bell Sales, 1109 Wyoming
Denver: George C. Mills, A. H. Frost, 1441 Ogden St. (18)
Honolulu: Nylen Bros. & Co., Ltd., 820 So. Beretania St.
Salt Lake City: Eldred M. Chapman, 624 S. State
Factory service departments:
Seattle: Hal Tabor, 1152 Thomas St.
Spokane: Al Schultz, W. 38 Third Ave.
Tacoma: H. E. Olson, 2329 S. Tacoma Ave.
Yakima: Ray Wilmoth, 803 Summitview Ave.
Phoenix: Ken Edwards, 228 E. Roosevelt St.
Tucson: Ernie Mortenson, 745 N. 4th Ave.
Alhambra: Dick Hasemeyer, 2221 W. Valley Blvd.
Burbank: Henry Greenspan, 3007 Magnolia Blvd.
Compton: James O'Toole, 14912 S. Atlantic Blvd.
Culver City: E. F. Gallagher, 2405 S. LaCienega Blvd.
Fresno: Harold Robertson, 531 P St.
Hollywood: Dauby Lazarus, 6620 Melrose Ave.
Los Angeles: Ray O'Sullivan, 1101 S. Hope St.
Oakland: Don Richmond, 3129 San Pablo Ave.
Ontario: Bill Ems, 126 E. A St.
Sacramento: Robert Strout, 1617 18th St.
San Diego: Wallace Eddy, 3536 Adams Ave.
San Francisco: Larry Swiney, 1157 Post St.
San Mateo: Al Bridger, 1037 N. Bayshore Blvd.
Santa Ana: Bob Card, 406 N. Sullivan St.
Stockton: Dennis Scannell, 509 E. Harding Way
Denver: R. F. Pack, 1441 Ogden St.
Pueblo: Frank May, 119 W. 13th St.
Albuquerque: Don Schade, 4601 Lomas Blvd., N. E.
Portland: C. J. Patton, 326 N.W. 21st Ave.
Salem: Clinton Smith, 2890 Silverton Rd.
El Paso: Herb Reynolds, 1109 Wyoming St.
Salt Lake City: George Brown, 624 S. State St.
Honolulu: Clement Young, 1923 Kalakaua Ave.

PACKARD ELECTRIC SHAVER (See Lektro Products)

PARAGON ELECTRIC CO., 1600 12th St., Two Rivers, Wis.
(Paragon, De-frost-it, Elec-Trivet)
Service Stations:
Phoenix: Smith Watch & Clock Shop, 1512 N. 7th Ave.
Los Angeles: Electronic Instruments Service, 8907 S. Vermont Ave.
Oakland: The Clock Shop, 144 E. 14th St.
San Diego: J. F. Zwiener Electrical Co., 1242 1st Ave.
Denver: Mint Time Service, 339 13th St. at Tremont
Portland: B. W. Cobb Watch & Clock Shop, 220 S.W. Alder St.
Salt Lake City: Time & Instrument Co., 57 Richards St.
Seattle: Abbott Electric Co., 767 Broad St.
Spokane: Spokane Appliance Repair, S. 173 Wall St.

PEERLESS BUILT-IN-FIXTURE CO., 2608 San Pablo Ave., Berkeley, Calif.

PEERLESS ELECTRIC CO., 1401 W. Market St., Warren, Ohio
Distributors:
Los Angeles: Montgomery Bros., 2113 S. San Pedro St.
San Francisco: Montgomery Bros., 1122 Howard St. (3)
Portland: Montgomery Bros., 1815 N.W. Northrup St. (9)
Seattle: Montgomery Bros., 911 Western Ave.

PEERLESS ELECTRIC INC., 615 W. 131st St., New York 27, N. Y.
(Broil-Quik appliances)
Distributors:
Los Angeles: Broil-Quik & Crown Corp., 654 S. Anderson St.
Service Stations:
Phoenix: Vinson-Carter Electric Co., 325 W. 4th St.
Sacramento: Lamco Electric, 1415 21st St. (14)
San Diego: Electrical Appl. Service Co., 302 17th St. (2)
San Francisco: Electrical Appl. Service Co., 1434 Howard St. (2)
Denver: Midwest Electric Service, 1124-26 Santa Fe Drive (4)
Albuquerque: Appliance Service Center, 1903 4th St.
Portland: Bee Electric Service, 28 N.W. 10th Ave.
El Paso: Wayne M. Tinkler & Co., 2731 E. Yandell
Salt Lake City: Intermountain Appl. Service, 708 S. State
Seattle: Appl. Parts Service Co., 216 Stewart St.
Spokane: Appl. Parts & Service, 609 W. Trent Ave. (8)

PEERLITE MFG. & SUPPLY CO., 178 5th St., San Francisco, Calif.

PENETRAY CORP., 615 Front St., Toledo 5, Ohio
Warehouse:
Los Angeles: 335 Towne Ave.

PERFECTION INDUSTRIES INC., 7609 Platt Ave., Cleveland 4, Ohio

PHILCO CORP., Electric Range Div., 2nd and Westmoreland Sts., Philadelphia 40, Pa.
(Philco electric range)
Distributors:
Phoenix: Momsen-Dunnegan-Ryan Co., 11 E. Buchanan
Colton: C & C Appliances Inc., P. O. Box 486
Los Angeles: Philco—Los Angeles, 3631 Union Pacific Ave.
Sacramento: Dallman Co., 6th & Q Sts.
San Diego: R. E. Harris Inc., Front & Ash Sts.
San Francisco: Dallman Co., 685 7th St.
Santa Barbara: H. T. Waller Inc., 509 State St.
Denver: Boyd Distributing Co., 1661 W. 3rd Ave.
Boise: Strevell-Paterson Hardware Co., 408 S. 9th St.
Billings: Northwestern Auto Supply Co., 422 N. Broadway
Reno: Osborne & Dermody Inc., 253-255 Chestnut St.
Albuquerque: Momsen-Dunnegan-Ryan Co., 1501 N. 12th St.
Portland: Appliance Wholesalers of Oregon, 600 N.W. 14th Ave.
Salt Lake City: Strevell-Paterson Hardware Co., 126 S.W. Temple St.
Seattle: Radio, TV & Appliance Inc., 510 Westlake N.
Spokane: Guy W. Plank Co., E. 21 Gray Ave.
Honolulu: Service Motor Co. Ltd., 91 S. King St.

PHILCO CORP., Philadelphia 34, Penn.
(Philco refrigerators, freezers, radios, television, electric ranges, air conditioners, parts and accessories)
Distributors:
Phoenix: Momsen-Dunnegan-Ryan Co., 11 E. Buchanan St.
Los Angeles: Philco—Los Angeles, 3631 Union Pacific Ave.
Santa Barbara: H. T. Waller Inc., 509 State St.
San Diego: R. E. Harris Inc., 131 W. Ash St.
San Francisco: Dallman Co., 685 7th St.
Fresno: Devlin-Drew Co., P.O. Box 1326
Colton: C. & C Appliances Inc., P. O. Box 486
Sacramento: Dallman Co., 6th & Q St.
Denver: Boyd Distributing Co. Inc., 1661 W. 3rd Ave.
Billings: Northwestern Auto Supply Co. Inc., 422 N. Broadway
Reno: Osborne & Dermody Inc., 2300 Valley Road
Portland: Appl. Wholesalers of Oregon, 600 N. W. 14th Ave.
El Paso: Momsen-Dunnegan-Ryan Co., 800 E. Overland St.
Seattle: Radio Television & Appl. Inc., 510 Westlake Ave., N.
Spokane: Guy W. Plank Co., E. 21 Gray Ave.
Salt Lake City: Strevell-Paterson Hdwe. Co., 126 S. W. Temple St.
Albuquerque: Momsen-Dunnegan-Ryan Co., 1501 N. 12th St.
Honolulu: Service Motor Co. Ltd., 91 S. King St.

PLAY PRODUCTS INC., 4223 Ocean Park Ave., Venice, Calif.

POLAR CUB APPLIANCES (See A. S. Gilbert Co.)

PORTABLE ELEVATOR MFG. CO., Refrig. Division, Bloomington, Ill.

PREMIER VACUUM CLEANER Division.
(See General Electric Co.)

PRESTELINE, George T. Stevens & Associates, 612 N. Michigan Ave., Suite 205, Chicago 11, Ill.
(Presteline home appliances)
Distributor:
San Francisco: O. B. Wilt Co., 1355 Market St.

PREVORE ELEC. MFG. CORP., Fulton St. at Clinton Ave., Brooklyn 16, N. Y.
Factory service only.

PROCTOR ELECTRIC CO., 322 W. Hunting Park Ave., Philadelphia 40, Pa.
(Proctor automatic electrical appliances)
Phoenix: Vinson-Carter Elec. Co., 325 4th St. N.
Tucson: Grabe Electric Co., 26 E. Congress St.
Bakersfield: Urner's Appl. Center, 212 21st St.
Fresno: L. F. Ballmer, 2430 Stanislaus
Long Beach: Calif. Elec. Serv., 1407 E. 4th St.; Dean & Hoffman, 221 American Ave.
Los Angeles: Elec'l. Appl. Service, 726 W. Venice Blvd.; Calif. Elec. Service Inc., 832 S. Alvarado; Western States Elec. Service Co., 5707 Santa Monica Blvd.
Oakland: Calif. Elec. Serv., 1246 E. 14th St.; Elec'l Appl. Serv. Co., 4238 Broadway
Pasadena: Calif. Elec. Serv., 2594 E. Colorado
Sacramento: Lam-Co. Electric, 1415 21st St. (14)
San Bernardino: Mel Dennett, 376 D St.
San Diego: J. F. Zwiener Elec. Co., 1242 1st Ave.; Electrical Appl. Service, 302 17th St.
San Francisco: Electrical Appl. Serv., 1434 Howard St.; Calif. Elec. Serv. Inc., 168 1st St.
San Jose: D & S Repair Service, 832-836 Park Ave.
Santa Barbara: Mel-Time Repair, 20 W. Carrillo St.
Colorado Springs: Walter Ament's Super Service Center, 15 W. Cucharras
Denver: Western Repair & Electric Co.
Boise: Boise Cyclery, 208 N. 9th St.
Butte: Radio Eng. & Service, 219 W. Park St.
Reno: Moltzen & Fitch Elec. Co., 275 S. Virginia St.
El Paso: Wayne M. Tinkler & Co., 2731 E. Yandell.
Albuquerque: Willmore Appl. Serv. Center, 1903 4th St., N.W.
Eugene: Garrett Appliance Co., 136 E. Broadway
Klamath Falls: Leach Service Co., 123 S. 6th St.
Medford: Trowbridge & Flynn Elec. Co., 214 W. Main St.
Portland: Bressie Elec. Co., 909 S. W. 5th Ave.
Ogden: Coray Clock & Appl. Service, 2424 Grant Ave.
Salt Lake City: Intermountain Appl. Service, 708 S. State St.
Seattle: Howell's Electric, 522 Union St.
Spokane: Spokane Appl. Repair, S. 175 Wall St.
Tacoma: Ajax Elec. Co., 747 Fawcett Ave. (3)

PRYNE & CO. INC., P. O. Box 698, Pomona, Calif.
(Blo-Fan and Aerofan exhaust ventilators, Pryne tilting range hoods, Pry-Lite fixtures, infrared ceiling and wall heaters, Rittenhouse door chimes and signal transformers)
Distributor:
Pomona: Pryne-Rittenhouse Sales Corp., 140 N. Towne Ave.

RCA ESTATE APPLIANCES, Hamilton, Ohio.
(RCA Estate ranges and air conditioners)
Division Manager:
Portland 10, Ore.: T. G. Streight, 2182 N.W. Hoyt, Apt. 2
Distributors:
Phoenix: Midland Specialty Co., 223 S. 11th Ave.
Fresno: Edco Distributing Co., 2930 Butler Ave.
Los Angeles: RCA Victor Distributing Corp., 2027 S. Figueroa St. (7)
San Diego: Jerry Achtenhagen & Sons Inc., 820 W. Ash St. (1)
San Francisco: Leo J. Meyberg Co., 33 Gough St. (1)
Denver: Ward Terry & Co., 70 Rio Grande Blvd.
Billings: Heald Supply Co., 3008 1st Ave. N.
Albuquerque: Midland Specialty Co., 1624 N. 1st St.
Portland: North Pacific Supply Co., P. O. Box 3818
El Paso: Midland Specialty Co.
Salt Lake City: Flint Distributing Co., 316 W. 2nd South St.
Seattle: Fidelity Electric Co. Inc., 960 Republican St. (9)
Spokane: Prudential Distributors Inc., S. 151 Stevens St.

RADIA HEATER & FANS
(See Shepler Mfg. Co.)

RADIANT LAMP CORP., 300 Jelliff Ave., Newark 8, N. J.
(Projection, exciter, spotlight, floodlight, aeronautical, motion picture production, weatherproof, infrared, Hi-Flood, Hi-Spot LS-Flood, Color-Flood, mercury vapor, and general lighting incandescent lamps)
Western Office:
7746 Bonner Ave., Sun Valley, Calif.

RADIO CORP. OF AMERICA; RCA Service Co. Inc., Camden, N. J.
(Radio, television, tubes, records, electronics, Victrolas)
Service Stations:
Bakersfield: W. R. Carter, 513 E. 19th St.
Fresno: E. Patton, 541 Palm Ave.
Hollywood: W. E. Thackrey, 911 N. Orange Drive (38)
Lynwood: F. R. Carpenter, 11146 Atlantic Ave.
Oakland: R. V. Rowatt, 1401 Middleharbor Rd. (12)
Sacramento: L. E. Best Jr., 4947 Folsom Blvd. (19)
San Bernardino: E. J. Long, 1324 W. 16th St.
San Diego: N. J. Faram, 2727 Adams Ave. (16)
San Francisco: D. R. Brown, 2640 Bayshore Blvd. (24)
Billings: I. E. Lipsey, 10026 Laurel Road
Portland: J. E. Cohoat, 3000 N. E. Killingsworth St.
Ogden: D. L. Purser, 1159 30th St.
Salt Lake City: J. K. Stewart, 3019 S. State St. (6)
Seattle: E. W. Degner, 718 Dearborn St. (4)
Spokane: L. E. Traeger, 1202 N. Monroe St.
Honolulu: J. W. Ward, 1069 S. Beretania St.

RAINIER ELECTRIC OVEN & ENG. CORP., 1419 Jackson St., Seattle 44, Wash.
(Electric, gas and oil ovens)
Factory service.

RAVENNA METAL PRODUCTS CORP., 6518 Ravenna Ave., Seattle 15, Wash.
(Electro Jet and Electro Panel heating systems)
Service Station:
Vancouver: Ravenna Moen Ltd., 1774 Robson St.

RECO FOOD MIXERS
(See Reynolds Elec. Co.)

RECORDIO, RECORDIA, RECORDIO POINTS (See Wilcox-Gay Corp.)

RED SEAL APPLIANCE CO.
(See Samson United Corp.)

RED SPOT ELEC. CO., 7405 S. Tacoma Way, Tacoma 9, Wash.

REGINA CORP., Rahway, N. J.
(Floor polishers)
Representative:
Los Angeles: J. A. Scharfe, 520 W. 7th St. (14)

RELIANCE AUTOMATIC LIGHTING CO., 1927 Mead St., Racine, Wis.

REMINGTON CORP., Air Conditioning Division, Auburn, N. Y.
Factory service only

REMINGTON RAND ELECTRIC SHAVER, Div. of Sperry Rand Corp., 60 S. Main St., Bridgeport 2, Conn.
(Remington Rand shaver)
Remington Rand service stations:
Phoenix: 1808 N. Central Ave.
Fresno: 2115 Inyo St.
Hollywood: 1655 N. Cherokee Ave. (28)
Long Beach: 356 E. 3rd St. (12)
Los Angeles: Room 806, Knickerbocker Bldg., 643 S. Olive St. (14); 2601 Wilshire Blvd. (4); 5218 Wilshire Blvd. (4)
Oakland: 2035 Franklin St. (12)
Sacramento: 1107 J St.
San Diego: 926 C St. (1)
San Francisco: 41 1st St. (5)
San Jose: 389 W. Santa Clara Ave.
Colorado Springs: 321 S. Tejon St.
Denver: 824-826 17th St. (2)
Boise: 609 Bannock St.
Butte: 64 E. Broadway.
Albuquerque: 1000 2nd St. N. W.
Portland: 525 S. W. Pine St. (4)
Ogden: 241 24th St.
Salt Lake City: 164 S. 2nd East St. (11)
Seattle: 1910 4th Ave. (1)
Spokane: N. 106 Monroe St. (1)
Tacoma: 412 St. Helens Ave.

REMLER CO. LTD., 2101 Bryant St., San Francisco (10), Calif.
Representative:
Seattle: William R. Zinn, 6305 49th Ave., S.W. (6)

REVELL INC.
(See Play Products Inc.)

REVERE CLOCK CO., McMillan at Dover, Cincinnati 6, Ohio
(Chiming electric floor, mantel and table clocks)
Service Stations:
Phoenix: Smith's Clock Shop, 1512 N. 7th Ave.
Fresno: The Clock Shop, 1418 Fulton St.
Los Angeles: Calif. Clockmakers Guild, 7975½ Melrose Ave.; The American Clock Co., 315 W. 5th St.
Sacramento: Lam-Co Electric Co., 1415 21st St.
San Diego: J. F. Zweiner Electrical Co., 1242 1st Ave.; The Clock Shop, 518 Granger Bldg.
San Francisco: Washington Clock Co., 2998 Washington St.; W. R. Scott, 657 Mission St.
Denver: Clock Manor, 1901 E. Colfax St.; Mint Time Service, 339 13th St.
Portland: Alder Street Clock Shop, 251 S.W. Alder St.
Salt Lake City: Time & Instrument Co., 57 Richards St
Seattle: Clock Shop, 608 Joshua Green Bldg.; Fred C. Brown, 110 E. 57th St.
Spokane: Harry's Clock Shop, 175 S. Post St.

REXAIR DIVISION, MARTIN-PARRY CORP., P.O. Box 964, Toledo, Ohio
(Rexair cleaner and conditioner)
All Rexair branch offices handle service

REYNOLDS ELECTRIC CO., 3000 River Rd., River Grove, Ill.
(Reco food mixers, vegetable peelers, choppers, slicers, air circulators, flasher controls, fractional hp motors)
Factory service only.

RITTENHOUSE CO. INC., THE. Honeoye Falls, N. Y.
(Electric door chimes, transformers)
Service Stations:
Los Angeles: Pryne & Co. Inc., 1561 W. Venice Blvd.
San Francisco: McMillen-Stanley Co., 778 Natoma St. (3)

ROGERS, CHAS. R., 151 2nd Ave., San Mateo, Calif.
(Commercial refrigeration, frozen food cabinets, walk-in coolers and freezers)

ROTAREX (See Apex Rotarex Corp.)

ROTO-BROIL CORP. OF AMERICA, 33-00 Northern Blvd., Long Island City 1, N. Y.
Service stations:
Los Angeles: Roto-Broil Corp. of America, 5015 Hampton St. (58)
San Diego: Appl. Serv. Co., 302 17th St.
San Francisco: Appl. Serv. Factors, 123 Steuart St.
Denver: Midwest Elec. Serv. Co., 1124-26 Santa Fe Drive
Portland: Bee Elec. Serv., 28 N.W. 10th Ave.
Salt Lake City: Appl. Serv. Center, 57 Richards St.
Seattle: Howell's Elec. Supply & Serv. Co., 522 Union St.
Spokane: Appl. Parts & Serv. Co., 609 W. Trent Ave.
Tacoma: Ajax Electric Co., 747 Fawcett Ave. (3)

ROYAL APPLIANCE MFG. CO., 1975 E. 61st St., Cleveland, Ohio
(Royal vacuum cleaner)
Service Stations and Parts:
Los Angeles: Blakeman Appliance Co., 4153 S. Figueroa (37); Louis Clark, 2141 W. Washington Blvd. (18)
San Francisco: Noel Vacuum Cleaner Co., 580 Valencia St.
Denver: Gem Vacuum Stores, 1953 Champa
Boise: Karre Appliance Repair, 1511 State St.
Albuquerque: Willmore Appl. Wholesalers, 117 Columbia Drive
Portland: Stark's Vacuum Cleaner Sales, 20 S.W. Grand St.
Salt Lake City: Western Royal Vacuum Cleaner Co., 175 E. Broadway (1)
Seattle: Domestic Electric Appliance Co., 1601-10 8th Ave.
Spokane: Orens Radio & Electric, 1827 E. Sprague Ave.
Parts Distributor:
Phoenix: Appliance Service Co., 2225 N. 24th St.

RUTENBER ELECTRIC CO., Marion, Ind.
(Marion household servants, elec. heating & cooking appl., elec. ranges)
Distributors:
Portland: W. L. May Co., 215 N.W. Park Ave. (9)
Seattle: Globe Elec. Co., 307 1st Ave. S.
Spokane: Electric Center, W. 508 2nd Ave.

SAFE-FLEX
(See Samson United Corp.)

SAFETY ELEC. CO., 53 W. Jackson Blvd., Chicago 4, Ill.
(Incandescent carbon lamps)

SAMSON UNITED CORP. OF NEW YORK, 32-14 Northern Blvd., Long Island City 1, N. Y.
(Samson, Red Seal, Safe-Flex)
Service station:
Rochester, N. Y.: Monroe Service Co., 808 W. Main St. (11)

SCHICK SERVICE INC., Lancaster, Pa.
Service Stations:
Phoenix: 123 W. Adams St.
Long Beach: 250 E. 1st St. (2)
Los Angeles: 443 S. Spring St. (13)
Oakland: 337 14th St. (12)
San Diego: 922 8th Ave. (1)
San Francisco: Monadnock Bldg. Arcade No. 5; 681 Market St. (5)
Denver: 220-222 Commonwealth Bldg., 728 15th St. (2)
Portland: 920 S.W. Broadway (5)
Salt Lake City: 165 S. State St. (1)
Seattle: 1220 Third Ave. (1)

SCOTT & PETZER CO., 1920 W. 114th St., Cleveland 2, Ohio
(Kirby home renovation system)
District office: Westerners, Inc., 201 Medical Arts Bldg., Vancouver, Wash. Henry Reznichek, president.
Branch office: Westerners, Inc., 420 N. Broadway, Portland 12, Ore. Henry Reznichek, president.
Parts office: Kirby Parts Corp., 420 N. Broadway, Portland 12, Ore.
Distributors:
Phoenix: Kirby Sanitation System, 1610 N. 7th St.
Alhambra: Kirby Vacuum Cleaner Co., 736 S. Garfield Ave.
Bakersfield: Kirby Co. of Bakersfield, 821 18th St.
Chico: Kirby Co. of Chico, 1810 Esplanade Drive
Compton: Kirby A-1 Co. of Los Angeles, 2610 E. Olive St.
Fresno: Kirby Co. of Fresno, 2304 Tulare St.

Long Beach: Kirby Co. of Calif., 2194 Lakewood Blvd. (15)
Los Angeles: Taylor Corp., 1206 S. Maple Ave. (15)
Oakland: Kirby Co., 588 16th St. (12)
Pasadena: Kirby Co. of Pasadena, 26 N. Santa Anita Ave. (8)
Redding: Kirby Co. of Redding, 1046 Locust St.
Redwood City: Kirby Co. of Central Calif., 251 El Camino Real
Sacramento: Kirby Co. of Sacramento, 1932 Stockton Blvd.
San Bernardino: Kirby Vac. Cleaner Co., 1251 E St.
San Diego: Kirby Co. of W. San Diego County, 941 C St. (1)
San Jose: Kirby Co. of San Jose, 492 N. 15th St.
San Luis Obispo: Kirby Co., 1226 Osos St.
Santa Rosa: Kirby Co. of Santa Rosa, 938 W. College Ave.
Stockton: Central Valley Kirby Co., 831 E. Main St.
Ventura: Kirby Co., 371 N. Ventura Ave.
Walnut Creek: Kirby Co. of Walnut Creek, 2009 Mt. Diablo Blvd.
Denver: Kirby Co. of Denver, 3722 W. Colfax Ave. (4)
Greeley: Kirby Co., 625 8th Ave.
Pueblo: Kirby Co. of So. Colo., 410 W. 24th St.
Bremerton: Kirby Co. of Bremerton, 704 Ninth St.
Seattle: Kirby Co. of Seattle, 1021 Stewart St.
Spokane: Kirby Co. of Spokane, 3128 E. Sprague.
Tacoma: Kirby Co. of Tacoma, 3521 6th Ave.
Yakima: Kirby Co. of Central Wash., 904½ E. Yakima Ave., Box 48
Boise: Kirby Co., 302 Capitol Blvd.
Idaho Falls: Kirby Co. of E. Idaho, 240 S. Water Ave.
Lewiston: Kirby Co., 1604 G St., P.O. Box 314
Twin Falls: Kirby Co. of Magic Valley, 312 8th Ave. E.
Billings: Kirby Co.—Midland Empire, 2926 2nd Ave. N.
Great Falls: Kirby Co., 516 First Ave. N.
Missoula: Kirby Dist. Co. of Missoula, Box 823
Reno: Kirby Co. of Nevada, 1635 Phillips St.
Albuquerque: Kirby Co. of N.M., 4517 E. Central
Salt Lake City: Kirby Co. of Utah, 1639 S. State St. (15)
Casper: Kirby Co. of Central Wyo., 862 S. Spruce
Cheyenne: Kirby Co. of E. Wyo., 607 E. 16th St.
Honolulu: Kirby Co. Ltd., 2738 Kaimuki Ave. (15)
Portland: Kirby Co., 2702 N. E. Broadway (13)

SCOVILL MFG. CO.
(See Hamilton Beach Co.)

SEEGER REFRIGERATOR CO., St. Paul 6, Minn.; Evansville 7, Ind.
Contract producers of national brands including Coldspot electric refrigerator.
(Coldspot Electric Refrigerator)
Serviced through Sears, Roebuck & Co. stores exclusively
(See Whirlpool-Seeger Corp.)

SENTINEL RADIO CORP., 2100 Dempster St., Evanston, Ill.
(Sentinel radios and television sets)
Distributors:
Tucson: Complete Auto & Home Supply, 530 N. Stone Ave.
Fresno: R. D. Schwalb Co., 2421 Ventura Ave.
Los Angeles: James J. Kerwin Co., 1825 S. Flower St.
San Francisco: Harry Pollak, 1543 Mission St.; R. D. Schwalb Co., 298 8th St.
Denver: Hassco Inc., 1745-61 Wazee St.; Niles Phonograph & Radio Co., 1254 Arapahoe
Pueblo: L. B. Walker Radio Co., 100 N. Victoria
Idaho Falls: Schwendiman Distributing Co., 280½ E St.
Pocatello: Charles G. Billmeyer's, 240-248 S. Arthur
Great Falls: The Falls Supply Co., 209 2nd St. S.
Albuquerque: J. Korber & Co., 220 N. 2nd St.; Crown Engineering, 5001 Menual Blvd.
Santa Fe: A-1 Communications Supply Co., 411 Cerrillos Road
Portland: North Coast Electric Co., 625 Everett Ave.
Salt Lake City: Moore Radio Supply Co., 157 Motor Ave. (1)
Seattle: Stusser Electric Co., 2246 First Ave. S. (4)
Cheyenne: Houge Radio & Supply Co., 4012 Central Ave.
Honolulu: D. M. Distributors, P.O. Box 2195

SERVEL INC., Evansville, Ind.
Commercial Refrigeration Div.
Branch Office: 5545 E. Slauson Ave., Los Angeles 22, Calif. Carl L. Olin, Western States manufacturer's agent.
Distributors:
Phoenix: State Equipment & Supply Co., 416 S. 7th Ave.
Fresno: (sub-distributor) Sam Alexander Refrigeration Co., 1250 Van Ness Ave.
Los Angeles: Arrow Risco Inc., 237 W. 32nd St. (7); Refrigeration Supplies, 3464 W. 1st St. (4)
Sacramento: Nystroms Refrigeration & Air Conditioning Co., 750 Robertson (sub-distributor)
San Bernardino: Valley Refrigeration Supply Co., 999 W. 3rd.
San Diego: Mack's Refrig. Co., 4206 Fairmont Ave.
San Francisco: Marine Elec. Co., 195 Fremont St.
Denver: Robbins Fixture Co., 937 Santa Fe Drive.
Pueblo: N. O. Nelson Co., 118-22 E. River St.
Reno: (sub-distributor) Thermo-O-Matic Refrigeration Supply Co.
Albuquerque: Yucca Wholesalers Inc., 2220 N. First St.
El Paso: M & M Refrigeration & Electric Supply Co., 2505 Texas St.
Salt Lake City: N. O. Nelson Co. 880 W. 2nd South (1)
Seattle: Refrigeration Eng. Corp., 2120 2nd Ave. (1)
Spokane: E. S. Matthews, 151 S. Post St.

SESSIONS CLOCK CO., Forestville, Conn.
Service Stations:
Phoenix: Smith's Clock Shop, 1512 N. 7th Ave.
Fresno: Clock Shop, 1418 Fulton St.
Long Beach: California Electric Service Inc., 1407 E. 4th St. (12)
Los Angeles: California Electric Service Inc., 852 S. Alvarado St. (57)
Pasadena: California Electric Service Inc., 2582 E. Colorado Blvd. (8)
Riverside: Brumgardt's Clock Shop, 3795 Orange St.
San Diego: J. F. Zwiener Electric Co., 1242 1st Ave. (1)
San Francisco: California Electric Service Inc., 168 1st St.
Denver: Mint Radio & Service, 339 13th St.
Butte: Radio Eng. & Service, 219 W. Park
Albuquerque: Greenwalt Jewelers, 317½ W. Gold Ave.
Portland: B. W. Cobb, 220 S.W. Alder St. (4)
El Paso: Wayne Tinkler, 2731 E. Yandell
Salt Lake City: Time & Instrument Co., 57 Richard St. (1)
Spokane: Harry's Electric Clock Hospital, 175 S. Post St. (4)
Cheyenne: Schmitt's Jewelry, 614 W. 21st St.
Vancouver, B. C.: Wallace Electric Ltd., 427 Seymour St.

SETH THOMAS CLOCKS, Thomaston, Conn.
Service Stations:
Phoenix: Smith's Clock Shop, 1512 N. 7th Ave.
Glendale: Glendale Time Shop, 434 N. Brand Blvd.
San Francisco: Schloss Mfg. Co., 540 Mission St. (5)
Denver: Mint Time Service, 339 13th St. at Tremont
Albuquerque: Greenawalt Jewelers 317½ Gold Ave., S.W.
Portland: Alder St. Clock Shop, 251 S.W. Alder St.
Salt Lake City: Time & Instrument Co. 57 Richards St.
Spokane: Harry's Electric Clock Hospital, 175 S. Hope St.

SHAVEX CO., 5121 San Fernando Road, Los Angeles, Calif.
(Shavex and Kar-Shave appliances; Rectifier device for electric shavers, changes a-c to d-c. Attachments for using small appliances in automobile, including electric shavers)
Factory service only.

SHEPLER MFG. CO., 1115 Arlington Ave., Pittsburgh 3, Pa.
(Radia fans, heaters)
Distributors:
Oakland: George A. Kushman Co., 95 Market St.
Billings: E. R. Young, 1311 4th Ave., N.

SHETLAND CO. INC., 69 Bennett St., Lynn, Mass.
(Shetland all-purpose electric polisher, Twin-brush polishers and scrubbers)
Service Stations:
Fresno: L. F. Ballmer, 2430 Stanislaus
Los Angeles: J & S Co., 4356 W. 3rd St. (5)
Sacramento: Lamco Electric, 1416 21st St.
San Francisco: Appliance Service Factors, 123 Steuart St.
Denver: Western Repair & Electric Co., 1203 California St.
Butte: Radio Eng. & Service, 219 W. Park St.
Albuquerque: Appliance Service Center, 1903 4th St., N.W.
Portland: Morrison Electric Co., 1206 S. W. Washington
Seattle: J. M. Hooper Electric Co., 222 Marion St.
Spokane: Spokane Appliance Repair, S. 173 Wall St.

SIGNAL ELECTRIC DIVISION, King-Seeley Corp., Menominee, Mich.
(Electric desk, pedestal, vent and exhaust fans, window fans, portable fan-heaters)
Factory service only.

SILEX CO., Hartford 2, Conn.
(Silex coffeemaking equipment, steam irons)
Service Stations:
Long Beach: Calif. Elec. Service Inc., 1407 E. 4th St.
Los Angeles: Calif. Elec. Service Inc., 852 S. Alvarado St.; Western States Electric, 5707 Santa Monica Blvd.
Oakland: Calif. Elec. Service Inc., 1246 E. 4th St.
Pasadena: Calif. Elec. Service Inc., 2582 E. Colorado Blvd
San Diego: J. F. Zwiener Co., 1242 First Ave.
San Francisco: Calif. Elec. Service Inc., 168 First St.
Denver: Midwest Elec. Service Co., 1126 Santa Fe Drive.
Albuquerque: Appliance Service Center, 1903 4th St., N.W.
Portland: Morrison Elec. Service Co., 1206 S. W. Washington St.
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave.
Tacoma: Ajax Electric, 747 Fawcett Ave.
Honolulu: W. A. Ramsay Co., Kapiolani Blvd.

SIMPLEX IRONER (See Speed Queen Corp., ironer division)

SMITH, A. O., CORP., 505 66th Ave., Oakland 21, Calif.
(Electric motors, water heaters, welding machines)
Water heater distributors:
Phoenix: Arizona Hardware Co., First and Jackson St.
Los Angeles: Horn & Cox Inc., 4382 E. Bandini Blvd.
San Diego: Morrison Supply Co., 1201 J St.
San Francisco: Thomson Diggs Co., 424 Townsend
Billings: Par Distributing Co., Box 670
Portland: Lou Johnson Co., 1506 N. W. Irving
Salt Lake City: Walter B. Lloyd Co., 51 S. 2nd W.
Seattle: Love Electric Co., 318 Westlake Ave. N. (9)
Spokane: Guy W. Plank Co., E. 21 Gray Ave.
Worland: Pure Gas Service, P. O. Box 38
Honolulu: Honolulu Gas Equipment Co., P. O. Box 3379
Electric Motor Service Stations:
Clemenceau: Mardun Electric Co., P. O. Box 165
Phoenix: DeBerge & Babcock Elec., 550 W. Washington St.; Vinson-Carter Elec., 325 N. 4th St.
Tempe: Tempe Appl. & Elec. Co., 395-397 Mill Ave.
Tucson: Miller Motor Rewinding Shop, 2701 E. Seneca
Yuma: Jongeward Electric Co., 8th St. & 8th Ave.
Bakersfield: Industrial Elec. Motor Service, 418 Baker St.
Chico: Lassen Pump & Motor Works, W. 8th & Cherry St.
El Centro: Joe Bush Electric, P. O. Box 1538
Eureka: Senn Electric, 1801 Fairfield
Fresno: Electric Motor Shop, 258 Fulton St.; Arrow Elec. Motor Service, 625 Broadway
Hanford: Schafer's Pump & Motor Co., 106-108 W. 6th St.
Los Angeles: Hill Elec. Co. Inc., 580 Mateo St. (13)
Manteca: Reibin's Service Shop, 213 W. Yosemite Ave.
Marysville: Kinney Electric, 818 5th St.
Modesto: Stanilaus Elec. Motor Works, 504 River Road
Oakland: A. O. Smith Corp., product service division, 505 66th Ave.
Redding: Redding Industrial Elec., Highway 99 South
Sacramento: Stone Electric Motor Service, 1442 Del Paso Blvd., N.; Hefner & Mielenz, 3406 Stockton Blvd.; Van Alstyne & Son Electric, 2512 Broadway
Salinas: Quality Elec. Co., 211 E. Market St.
San Bernardino: Standard Electric Co., 191 Arrowhead Ave.
San Diego: Calif. Elec. Works, 424 8th Ave.
San Francisco: O'Keeffe's Inc., 270 14th St.
Sanger: Sanger Electric Motor Shop, 1432 S. Academy Ave.
San Jose: Roy M. Butcher, 510 W. San Fernando St. (10)
San Luis Obispo: Baxendale Electric, Rt. 2, Box 130
Santa Rosa: Leete Electric Motor Co., 930 Santa Rosa Ave.
Stockton: Stockton Elec. Motor Repair, 1324 E. Miner Ave.
Tracy: Hart Electric Shop, 243 E. Highland
Tulare: Turnupseed Elec. Service Inc., 340 E. Inyo St.
Turlock: Electric Motor Service, 208 N. 1st St.
Visalia: Langdon Electric Motor & Pump Co., 410 E. Main St.
West Riverside: Atlas Refrigeration Co., 5242 Mission Blvd.
Boise: Missman Elec. Co., 2304 N. 26th St.
Idaho Falls: Rossiter Electric Sales & Service, 204 N. Capitol Ave.
Pocatello: C-L Elec. Co., 410 S. Main St.
Twin Falls: Electric Service Co., 364 2nd Ave., E.
Billings: Lockrem Elec. Co., 1710 1st Ave., N.
Butte: Johnston Electric Shop, 212 S. Montana
Great Falls: Electric Motor Service Co., 109 2nd Ave., S.
Helena: Houston Elec. Co.
Kalispell: Kersich Electric, 234 2nd St., W.
Missoula: Industrial Elec. Co., 123 W. Alder St.
Reno: Brown Milbery Inc., 322 Sierra St.
Albany: Albany Electric Shop, 220 E. 2nd St.
Eugene: Keith's Elec. Motor Service, 678 Olive St.

Grants Pass: Electric Motor Works, 1725 Williams Secondary
Medford: Gage Elec. Motor Service, Inc., 112 N. Front St.
Portland: L. A. Walker Elec. Works, 206 N.W. 10th Ave.
Roseburg: Al's Elec. Motor Shop, 602 Winchester St.
Salt Lake City: Electric Motor & Supply Co., 351 W. 4th St.
Centralia: Tingstrom Auto Elec., 309 W. Main
Okanogan: H. H. Hall Motor Shop, P. O. Box 847
Seattle: Seattle Elec. Works, 118 Fifth Ave. N. (9)
Spokane: Nixon-Kimmel **Elec.** Mach. Co., **167 S. Wall St. (8)**
Tacoma: Center Elec. Engineering Corp., 1501 Center St.
Walla Walla: Berry Elec. Co., 301 3rd Ave., S.
Yakima: Cooper Elec. Motor Service, 205 S. 4th Ave.
Casper: Electric Service Co., Box 312
Cheyenne: Electric Motor Co., 1710 O'Neil
Honolulu: Jens-Schultz & Co., 941 Kawaiahao St. (13)

SON-CHIEF ELECTRICS INC., Winsted, Conn.
(Son-Chief and Magic Maid appliances)
Los Angeles: Calif. Elec. Service Station, 932 S. Alvarado St.
Seattle: J. M. Hooper Elec. Co., 222 Marion St.
Portland: Morrison Elec. Co., S. W. Washington at 13th.
San Francisco: P. & D. Appliance, 1414-34th Ave.
Denver: Midwest Elec. Service Co., 1124-26 Santa Fe Drive.
Amarillo: Panhandle Appl. Service, 407 N. Fillmore.

SOUTHERN HEATER CO., 133 E. Palmer Ave., Compton, Calif.
Factory service only.

SPARTON RADIO-TELEVISION, Division of Sparks-Withington, Co., Jackson, Mich.
Service Stations:
Phoenix: Frank M. Siegmund Co., 823 N. 21st Ave.
Tucson: Travis Television, 4810 E. Speedway
Los Angeles: Sparton Radio-TV Parts Branch, 628 S. Anderson*
Richmond: Power TV & Radio Service, 3619 Cutting Blvd.
Riverside: Associated Television, 2810 8th St
San Diego: Western Communications Co., 3830 4th St.
Denver: R. P. M. Agency, 2013 S. Broadway
Medford: Authorized TV Service, 2743 N. Pacific Highway
Portland: Saelens Radio Co. Inc., 1605 N.W. Everett St. (9)
Salt Lake City: Russell H. Francis, 212 Beason Bldg.
Seattle: Robinson Distributing Corp., 3129 Western Ave. (1)*
Spokane: Northwest Radio & TV, 3916 N. Division
Vancouver: TV Service Engineers, 2411 Main St.
Honolulu: Sparton of Hawaii, P.O. Box 3893
***Parts only**

SPEED QUEEN CORP., Ironer division, Algonquin, Ill.—Formerly Barlow & Seelig Mfg. Co.
(Simplex ironers)
Service stations:
Los Angeles: Electric Appliance Service, 726 W. Venice Blvd. (15); Washing Machine Parts Co., 1241 S. Hope St. (15)
San Diego: Washing Machine Parts Co., 1743 India St. (1); Electrical Appliance Service, 302 17th St.
San Francisco: Electrical Appliance Service, 286 Harriet St. (3); Washing Machine Parts Co., 1375 Mission St.
Denver: McCollum-Law Corp., E. 48th Ave. at Colorado Blvd.; Morey Mercantile Co., P. O. Box 5150, Terminal Annex
Billings: Taylor Dist. Co., 4148 S. 1st Ave.
Portland: W. L. May Co., 215 N.W. Park Ave. (9)
Salt Lake City: Salt Lake Hardware Co., 105 N. 3rd St. (9)
Seattle: Appl. Parts & Service, 214 Stewart St. (1)
Spokane: Spokane Paper & Stationery Co., 152 S. Jefferson
Other areas may write to Service Dept., Ripon, Wis., for parts and service information

SPEED QUEEN CORP., Ripon, Wis.—Formerly Barlow & Selig Mfg. Co.
(Speed Queen Washers, Ironers and Dryers)
Service Stations:
Phoenix: Gough Industries Inc., 221 S. 9th St.; Central Washer Service, 241 S. Central Ave.
Long Beach: Home Service Co., 2100 E. 4th St. (14)
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd. (15); Washing Machine Parts Co., 1241 S. Hope St. (15); Gough Industries Inc., Box 2768 Terminal Annex.
Oakland: Yates Service, 1590 E. 34th St.
San Bernardino: Citrus Belt Washington Machine Parts, 837 Colton Ave.
San Diego: Gough Industries Inc., 3255 5th Ave.; Washing Machine Parts Co., 1743 India St. (1); Electrical Appl. Service Corp., 302 17th St. (2)
San Francisco: Electrical Appl. Service Corp., 1434 Howard St.; Washing Machine Parts Co., 45 Rhode Island (3); Pioneer Appliance Co., Michigan & Alameda (7)
Denver: Ray Jones Washing Machine Parts, 376 S. Broadway (9); W & F Distributing Co., 1231 Wazee St.
Billings: Billings Elec. Supply, 214 W. 30th St.
Great Falls: Service Center Co., 15 7th St. S.
Portland: Lou Johnson Co., 1506 N.W. Irving (9); W. L. May Co., 215 N.W. Park Ave. (9)
Salt Lake City: General Appliance Corp., 341 Rio Grande St.
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1); J W. Phillips Dist. Co., 2601 Second Ave. (1)
Spokane: Tubbs Electric Co., 165 S. Post St.
Honolulu: Vonn Hamm-Young Co. Ltd., P. O. Box 2630 (3)

SPEEDWAY INC., 1834 S. 52nd Ave., Cicero 50, Ill.
Parts distributors:
Oakland: Automotive Equipment Service, 293 26th St. (12)
Los Angeles: Fred G. Littlejohn, 4511 Melrose Ave. (29)
Denver: Rocky Mountain Electric Co., 1570 Grove St.
Portland: Ed's Auto-Lectric Service, 215 S.W. Grand Ave.
Seattle: J. M. Hooper Electric Service Co., 215 Marion St.

SPERTI FARADAY INC., Adrian, Mich.
(Bells, buzzers, horns, chimes, signaling devices and paging, annunciator and fire alarm systems for hospitals, schools, stores and industry)
Western Representatives:
San Francisco: Chas. A. Meier, 1473 Harrison St.
Los Angeles: Robert M. Schow, 1709 W. 8th St.
Salt Lake City: Leonard Slusser, 318 Dooly Bldg.
Denver: Gaer, Florance & Assoc., P.O. Box 3096, E. Colfax Station
Phoenix: Wm. Benndorf Co., P.O. Box 1926
Seattle: W. W. Wheat & Son, 560 First Ave S.

SPRINGACTO IRON CORDS
(See Waage Mfg. Co.)

STANDARD ELECTRIC TIME CO., THE, 89 Logan, Springfield 2, Mass.
(Standard clock and program systems, hospital signal systems, precision timers, chrono-tachometers, laboratory panels)
Service Stations:
Fresno: P. O. Box 111
Los Angeles: 5405 Sheila St.
San Francisco: 16 Beale St.
Denver: 1925 Blake St.
Portland: 1725 N.E. 44th St.
Salt Lake City: 2435 S. State St.
Seattle: Bayview Bldg.
Honolulu: 1471 Kapiolani Blvd.

STAR MFG. CO. Div. of Hercules Galion Products Inc., 6300 St. Louis Ave., St. Louis 20, Mo.
(Electric appliances)
Parts available through dealers and the following service stations:
San Francisco: Appliance Service Factors, 123 Steuart St. (5)
Los Angeles: Sterling Service Co., 927 S. Grand Ave. (15)
Portland: Bressie Elec. Co., 79 S. W. Oak St.
Seattle: J. M. Hooper Electric Co., 222 Marion St.

STEAM ELEC. MFG. CO., 3456 S. Grand Ave., St. Louis 18, Mo.
(Steemco steam and dry irons)
(See Steemco Industries)

STEAM-O-MATIC CORP., 6618 E. 37th St., Kansas City 41, Mo.
(Steam-O-Matic iron; Fry-O-Mat deep fat fryers, Broil-O-Mat rotisseries and infrared broilers, Mix-O-Matic mixer-sharpener, Knife-O-Matic cutlery sharpener)
Service Stations:
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd. (15)
Sacramento: Lamco Electric, 1415 21st St.
San Diego: Electrical Appliance Service Co., 302 17th St.
San Francisco: Electrical Appl. Service Co., 1434 Howard St.
Denver: Midwest Elec. Service, 1124 Santa Fe Drive
Portland: W. L. May Co., 215 N. W. Park Ave.
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Seattle: City Electric Service Shop, 2014 3rd Ave.
Spokane: Spokane Appliance Repair, S. 175 Wall St.

STEEMCO INDUSTRIES, 3456 S. Grand, St. Louis 18, Mo.
(Pacemaker, Chief, Steam-Rite, Steemette, Combination steam and dry irons)
Service Station:
San Francisco: P & D Appliance Service Center, 667 Howard St.

STERLING APPLIANCES
(See Chicago Electric Division of the Silex Co.)

STERN-BROWN INC., 42-24 Orchard St., Long Island City, N. Y.
(Superstar, Du-All broilers, Thermo Mastergrill and waffle iron, Toastrite, Twin Snackette, Broil-O-Grill, Rotisserie & Broiler Combination)
San Francisco: Appliance Service Factors, 123 Steuart St.
Los Angeles: J & S Co., 4356 W. 3rd St.
Portland: Bressie Electric Co., 909 S.W. 5th Ave.
Spokane: Spokane Appliance Repair, S. 175 Wall St.

STEWART-WARNER ELECTRIC, Div. Stewart-Warner Corp., 1306 N. Kostner Ave., Chicago 51, Ill.
(Radios, phonographs, television)
(Refer to Hoffman Electronic Corp. for service)

STONCO ELECTRIC PRODUCTS CO., 333 Monroe Ave., Kenilworth, N.J.
(Floodlights and lighting fixtures)
Western Warehouses:
Seattle: 1016 First Ave. S.
Portland: 830 S.E. Alder St.
Los Angeles: 811 E. 14th Pl.
San Francisco: 50 Hawthorne St.
Denver: 2052 Humboldt St.

STRAIT & RICHARDS INC., 23 Selvage St., Newark 8, N. J.
(Glolog)
Direct from factory.

STROMBERG-CARLSON CO., 100 Carlson Road, Rochester 3, N. Y.
(Television, radio, hi-fi radio-phonographs)
Distributors:
Tucson: Motor Supply Co., 140 S. 6th Ave.
Los Angeles: Radio Television & Supply Co. Inc., 341 W. 18th St. (15) (For Calif. and Nev.)
Oakland: Kelvinator Division, American Motor Sales Corp., 2325 E. 12th St.
Denver: Hassco Inc., 1745 Wazee St. (For Colo., N.M., Wyo.)
Billings: Lester E. Hauser Distributors Inc., 1405 Broadwater Ave.
Albuquerque: Charles Ilfeld Co., 317 N. Commercial St.
Portland: Home Makers Supply Co., 824 S.W. 18th Ave. (5)
Salt Lake City: Standard Supply Co., 225 E. 6th South St.
Spokane: Inland Empire Wholesalers, S. 110 Wall St.

STROMBERG TIME CORP., Thomaston, Conn.
Dealers:
(carry supplies and repair parts)
Los Angeles: D. J. Burton, Stromberg Time Corp., 1817 Third Ave. (19)
San Francisco: H. B. Mattoon, Stromberg Time Corp., 420 Market St. (11)
Seattle: Eicher & Co., 263 Colman Bldg. (Covers Spokane also)
Ogden: G. W. Goddard Co., 24th St. and Wall Ave.
Denver, E. L. Taylor, 2001 Glenarm St. (5)

SUNBEAM CORP. (formerly Chicago Flexible Shaft Co.), 5600 Roosevelt Rd., Chicago 50, Ill.
(Electric appliances, lawn sprinklers, industrial furnaces)
Service Stations:
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.
Long Beach: Sunbeam Appl. Service Co., 2258 Pacific Ave. (4)
Los Angeles: Sunbeam Appl. Service Co., 737 S. Hope St. (17)
San Diego: Sunbeam Appliance Service Co., 1045 11th Ave. (1)
San Francisco: Sunbeam Appliance Service Co., 655 Mission St. (5)
Denver: Sunbeam Appl. Service Co., 1055 Santa Fe Drive (4)
Albuquerque: Griffiths Appliance Center, 309 3rd St. N.W.
Portland: Sunbeam Appliance Service Co., 324 S.W. 9th St. (5)
Salt Lake City: Sunbeam Corp., 46 W. 4th South St.
Seattle: Sunbeam Appl. Service Co., 1923 3rd Ave. (1)
Spokane: Appl. Parts & Service Co., 609 W. Trent Ave.
Tacoma: Ajax Elec. Co., 747 Fawcett Ave.
Honolulu: Lewers & Cooke Ltd., Sunbeam Serv. Dept., P.O. Box 2930

SUNBEAM ELEC. MFG. CO., Evansville, Ind.
(See Seeger Refrigerator Co.)

SUN-KRAFT HEALTH PRODUCTS INC., 351 E. Ohio St., Chicago, Ill.
(Ultraviolet apparatus)

SUNROC CORP., Glen Riddle, Pa.
(Sunroc water coolers and purifiers)
Branch Offices: 2216 W. 11th St., Los Angeles 6, Calif.; 204 Davis St. San Francisco, Calif.
Distributors:
Tucson: Keenan Pipe & Supply Co., 101 S. 1st St.
Bakersfield: Keenan Pipe & Supply Co., 633 Williams St.
Brawley: Imperial Hdwe. Co.
Calexico: Imperial Hdwe. Co.
Calipatria: Imperial Hdwe. Co.
El Centro: Imperial Hdwe. Co.
Holtville: Imperial Hdwe. Co.
Imperial: Imperial Hdwe. Co.
Indio: Imperial Hdwe. Co.
Modesto: Slakey Bros. Inc., 829 Kansas St.
Oakland: Slakey Bros. Inc., 791 66th Ave.
Pomona: Keenan Pipe & Supply Co., 450 W. Commercial St.
Redlands: Imperial Hdwe. Co.

San Francisco: ABCO Refrigeration Co., 1196 Folsom St.
San Jose: Slakey Bros. Inc., 801 Savaker Ave.
Yuma: Imperial Hdwe. Co.
Denver: Stores Equipment Co.
Billings: Montana Elec. Supply, P.O. Box 13231
Salt Lake City: E. T. Olsen Equipment Co., 1200 S. State St.
Seattle: H. D. Fowler Co. Inc., 9th Ave. S. Lane
Hawaiian Islands: Los Angeles Office
Los Angeles: Keenan Pipe & Supply Co. 2112 E. 27th St.
Sacramento: Slakey Bros Inc., 1400 N. C St.
San Diego: Industries Supply Co., 845 5th Ave.

SUPERIOR ELECTRIC PRODUCTS CORP., Cape Girardeau, Mo.
(Superlectric household heating appliances)
Service Stations:
Los Angeles: J and S Co., 43-56 W. 3rd (5)
San Francisco: P & D Appliance Service Center, 667 Howard St.
Portland: Morrison Electric Service, 1206 S.W. Washington.
Seattle: Howell Electric Supply, 522 Union St.

SUPERSTAR APPL.
(See Stern-Brown, Inc.)

SURF ELEC. APPL.
(See G-M Laboratories)

SUTTON CORP., THE O. A., 1812 W. 2nd St., Wichita, Kans.
(Varnado fans and air conditioners)
Distributors:
Phoenix: Arizona Hardware Co., 1st & Jackson Sts.
El Centro: Electric Supplies Dist. Co., 398 Broadway
Los Angeles: Sucs. Young & Brown Inc., 3636 S. Bronson Ave.
Modesto: Slakey Bros., 529 Kansas Ave.**
Oakland: Slakey Bros., 791 66th Ave.**
Sacramento: Slakey Bros., 1400 N C St.**
San Diego: Electric Supplies Dist. Co., 435 2nd Ave.
San Francisco: Leo J. Meyberg Co. Inc., 33 Gough St.*
San Jose: Slakey Bros., 801 Savaker**
Denver: Herb Names Inc., 845 Lincoln St.
Billings: N. W. Auto Supply Co., 424 N. Broadway*
Portland: Lou Johnson Co., 1506 N.W. Irving
Salt Lake City: Pembroke Co., 24 E. Broadway*
El Paso: Triangle Electric Supply Co., 333 W. San Antonio at Leon
Spokane: Taylor Distributing Co., E. 206 Augusta
*Fans only
**Air conditioners only

SWEDEN FREEZER MFG. CO., 3401 17th Ave. W., Seattle 99, Wash.
(Sweden Speed Juicer)
Factory service only.

SYLVANIA ELECTRIC PRODUCTS INC., 1740 Broadway, New York 19, N. Y.
Service Stations:
San Francisco: Service Radio Wholesale, 1357 Post St. (9)
Los Angeles: Ionic Equipment Co., 1705 N. Kenmore (27)

TECHNICAL APPLIANCE CORP., Sherburne, N. Y.
(Taco Antennas)
Representatives:
Los Angeles: Lee H. Owens Co., 2331 W. Washington Blvd.
San Carlos: David H. Ross Co., 534 El Camino Real
Seattle: J. J. Backer Co., 2221 2nd Ave.

TELECHRON CLOCKS (See General Electric Co., Clock and Timer Department)

TENNESSEE VALLEY MARKETERS INC., Gambill Bldg., Nashville, Tenn.
Distributors:
El Centro: Independent Hdwe. Co. (churns, space heaters)
Los Angeles: U. S. Grant Supply Co., 1154 So. Hill St. (water heaters)
Butte: General Electric Supply Co. (churns)
Denver: Hassco, Inc., 1745 Waze St. (churns)
Portland: General Electric Supply Co., 230 N.W. Broadway (churns)
Seattle: General Electric Supply Co., 1212 First Ave. S. (churns)
Phoenix: Southwest Cooperative Wholesale Co., 1821 Jackson St.

THERMADOR ELECTRICAL MFG. CO., Division of Norris-Thermador Corp., 5119 District Blvd., Los Angeles 22, Calif.
(Thermador Built-in and Console ranges, electric room heaters, water heaters and evaporative coolers)
Factory at L. A. handles all service for greater L. A. area; in other areas is supplementary to service stations.
Service Stations:
Dinuba: *Dinuba Electric Co.
Escondido: County Electric, 336 E. Grand Ave.
Fresno: *Central Appliance Service, 1591 Palm Ave.
Modesto: *Fugit Repair Service, 1801 G St.
Redding: *Kelsey & Al's Service Co., 1715 California St.
Sacramento: Lam-Co Electric Co., 1415 21st St.
San Diego: J. F. Zwiener Electric Co., 1242 1st Ave.
San Francisco: Electrical Appliance Service Co., 1434 Howard St.
Denver: Western Repair & Electric Co., 1203 California St.
Las Vegas: *Miller Electric Co., P. O. Box 1488; Hank's Motor Service, 13 W. Charleston
Astoria: *Brookfield Co., P. O. Box 120
Eugene: Hamilton Elec. Co., 795 Park Ave.
Medford: Trowbridge & Flynn Elec. Co., 214 W. Main St.
Salt Lake City: Intermountain Appliance Service, 703 S. State St.
Portland: Bressie Elec. Co., 909 S. W. 5th Ave.
Kelso: *Keel Electric Co., 211 Allen St.
Pasco: Electric Appl. Center, 415 W. Lewis
Seattle: J. M. Hooper Elec. Co., 215 Marion St.
Spokane: Spokane Appl. Repair, 173-175 S. Wall St.
Tacoma: Ajax Elec. Co., 747 Fawcett Ave.
Parts Distributors:
All Service Stations listed above
San Francisco: Frank Edwards Co., 382 6th St.
Honolulu: Radio Television Ltd., 777 Ala Moana Blvd.
*Limited supply room heater parts only

THERMO-MAT CO., 814 S. Robertson Blvd., Los Angeles 35, Calif.
(Electrically heated neoprene floor mat)

TITAN MFG. CO. INC., 701 Seneca St., Buffalo 10, N. Y.
Service Stations:
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd.
San Francisco: W. M. Aronson Co., 660 Howard St.
Albuquerque: Appliance Service Center, 1903 4th St., N.W.
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: Appliance Service Station, 1229 Westlake Ave. No.; Appliance Parts & Service, 216 Stewart St.
Butte: Radio Engineering Service, 219 W. Park St.
Denver: Western Appliance & Electric, 1159 Stout St.
Portland: Bressie Electric, 909 S. W. 5th Ave.
Spokane: Appliance Parts & Service, 609 W. Trent

TOASTMASTER PRODUCTS DIVISION, McGraw Electric Co., Elgin, Ill.
(Toastmaster appliances)
Service Stations:
Denver: E. S. Hawkins Elec'l Service*, 716 18th St.; Midwest Elec. Service Co.† 1124-26 Santa Fe Drive
Los Angeles: K. E. Campbell Electric, 316 E. 3rd St. (13)
Portland: Bressie Elec. Co., 909 S. W. 5th Ave. (4)
Sacramento: LamCo Electric, 1415 21st St.
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
San Diego: J. F. Zwiener Elec'l. Co., 1242 1st Ave.
San Francisco: Campbell Bros., 657 Mission St., Room 504 (5)
Seattle: Appl. Parts & Service Co., 214 Stewart St. (1)
Spokane: Appl. Parts & Service Co., 609 W. Trent Ave. (8)
Honolulu: Hawaiian Electric Co. Ltd.
Vancouver: B. C.: T. Plaskett Ltd., 841 W. Broadway
*Commercial products only
†Domestic products only

TOASTSWELL CO., 629 Tower Grove Ave., St. Louis 10, Mo.
(Toastswell products)
Service Stations:
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.
San Francisco: California Electric Service Inc., 168 1st St. (5)
Oakland: California Elec. Service Inc., 1246 E. 14th St.
Pasadena: California Elec. Service Inc., 2594 E. Colorado St. (8)
Denver: The Blarney Shop, 3205 E. Colfax Ave. (6)
Spokane: Warranty Appliance Co., 1327 N. Division St. (1)
Portland: Bressie Electric Co., 909 S.W. 5th Ave. (4); Bressie Appliance Service Co., 79 S.W. Oak St. (4)
Seattle: A Appliance Co., 610 E. Pine St. (22)
Tacoma: Ajax Elec. Co., 747 Fawcett Ave.
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Long Beach: Calif. Elec. Service, 1407 E. 4th St.
Los Angeles: Calif. Elec. Service, 832 S. Alvarado
San Diego: Electrical Appl. Service Co., 302 17th St.

TRAV-LER RADIO CORP., 571 W. Jackson Blvd., Chicago 6.
(Television, radio and record players)
Distributors:
Albuquerque: Allied Wholesale Dist., 3004 West Central
San Francisco: Trav-Ler Radio Sales Corp., 1251 Folsom St.
Seattle: Washington Distributors, 2521 2nd Ave.
Los Angeles: The Corwin Co., 1060 S. Figueroa
Portland: Florence Dist. Co., 408 N.W. 12th
Ogden: Ballard & Carter, 2428 Grant Ave.
Remaining western territories serviced from Chicago office or factory

TREND CLOCKS INC., 201 E. Main St., Zeeland 2, Mich.
Service Station:
Los Angeles: Davis Distributing Co., 429 S. Western Ave. (5)

TRENT INC., 201-299 Leverington Ave., Philadelphia 27, Pa.
(Trent elec. heaters, hot plates, kettles, ovens, furnaces)
Representatives:
Los Angeles: Kirk-Palka Co., 415 Wall St. (13)
San Francisco: Kirk-Palka Co., 420 Market St. (11)
Portland: Pac. Elec. Sales Co., 140 S.E. 28th Ave. (15)
Denver: Earl S. Rau, 1671 Colorado Blvd. (7)
Salt Lake City: Mine & Smelting Supply Co., 121 W. 2nd St. So.

TRILMONT PRODUCTS CO., 511 Winding Way, Merion Station, Pa.
(Trilmont safety heaters and heater dryers)
Factory service

TUTTLE & CO., H. W., Adrian, Mich.
Representatives:
Los Angeles: Montgomery Bros., 2113 S. San Pedro St. (11)
San Francisco: Montgomery Bros., 1122 Howard St.
Denver: Richards & Associates, 2415 15th St. (2)
Portland: Montgomery Bros., 1632 N.W. Johnson St. (9)
Seattle: Montgomery Bros., 911 Western Ave. (4)

TYLER FIXTURE CORP., Niles, Mich.
(HarderFreez home freezer)
Representatives:
Phoenix: Gordon E. Wilkins, Ironers Inc., 2531 N. 15th St.
Los Angeles: Gordon E. Wilkens Ironers Inc., 128 S. Alameda St.
Oakland: Gordon E. Wilkins, Ironers Inc., 3100 Telegraph
San Francisco: Gordon E. Wilkins, Ironers Inc., 1355 Market.
Billings: Taylor Distr. Co., 4148 First Ave., S.
Bend: Oregon Equip. Co., 165 E. Greenwood
Klamath Falls: Oregon Equip. Co., 203 So. Riverside
The Dalles: Oregon Equipment Co., 105 E. 2nd St.
Salt Lake City: Deseret Appl. Dist. Inc., 142 S. 5th, W.
Seattle: Freezer Distributors Inc., 418 8th Ave., N.
Spokane: E. S. Matthews Inc., 151 S. Post St.

UNIVERSAL APPLIANCES (See Landers, Frary & Clark)

U. S. TIME CORP., 500 Fifth Ave., New York 36, N. Y.
(Timex electric clock)
Repair and Service: Waterbury, Conn.

UTILITY APPLIANCE CORP. (formerly Utility Fan Corp.), 4851 S. Alameda St., Los Angeles 58, Calif.
(Utility air coolers)
District offices:
Fresno: Howard Diehl, P.O. Box 2002
Phoenix: Val Lehmann, 1409 E. Solano Drive
Portland: Wm. A. Dozier, 826 N.E. 78th St. (13)

VACULATOR LINE (See Hill-Shaw Co.)

VENTROLA MFG. CO., 501 S. Chestnut St., Owosso, Mich.
(Ventrola fans and ventilators)
Factory service only.

VICTROLAS
(See Radio Corp. of America)

VIDRIO PRODUCTS CO.
(See Dorby Co.)

VIRDEN CO., JOHN C., 6103 Longfellow Ave., Cleveland, Ohio

VORNADO VENTILATING FANS
(See The O.A. Sutton Corp.)

VOSS BROS. MFG. CO., Kellogg, Iowa
(Voss washing machines)
Parts Distributors:
Salt Lake City: A-1 Master Elec. Shop, 47 E. 4th St. S.
Spokane: Spokane Washer Co., 203 W. Main Ave.
Portland: W. T. Dyke Service Co., 12 S. E. 28th Ave.; W. L. May Co., 215 N. W. Park Ave.
Denver: Ray Jones Washing Mach. Parts, 376 So. Broadway
San Francisco: Washing Mach. Parts Co., 1375 Mission St.; Elec. Appl. Service Co., 1434 Howard St. (3)
Los Angeles: Elec. Appl. Parts Service Corp., 726 W. Venice Blvd.; Washing Machine Parts Co., 1241 So. Hope St. (15)
Seattle: Appl. Parts & Serv. Co., 214 Stewart St. (1)
San Diego: Washing Machine Parts Co., 1743 India St. (1)

WAAGE MFG. CO., 632 N. Albany Ave., Chicago 12, Ill.
(WAAGE Springacto iron cords; appliance repair parts)
Parts Distributors and Service Stations:
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.
Bakersfield: Urner's Appl. Center, 212 21st St.
Los Angeles: Western States Electric Service Co., 5707 Santa Monica Blvd. (38)
Sacramento: Lam-Co Electric, 1415 21st St. (14)
San Diego: Appliance Parts & Service Co., 302 17th St.
San Francisco: Electrical Appliance Service Co., 1434 Howard St.
San Jose: D & S Repair, 402 W. Santa Clara
Denver: Midwest Elec. Service Co., 1124 Santa Fe Drive (4)
Portland: Bressie Elec. Co., 909 Southwest 5th Ave. (4)

Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Seattle: Appl. Parts & Service Co., 216 Stewart St. (1)
Spokane: Appl. Parts & Service Co., 609 W. Trent Ave.

WALDORF LIQUI-MIXER
(See Dorby Co.)

WARING PRODUCTS CORP., 25 W. 43rd St., New York 36, N.Y.
(Waring Blendor and Mixor, Durabilt folding and travel irons)
Service Stations:
Long Beach: California Electric Service Co., 1407 E. 4th St.
Los Angeles: California Electric Service Inc., 832 S. Alvarado St.
Pasadena: California Electric Service Co., 2594 E. Colorado St.
Sacramento: Lamco Electric, 1415 21st St.
San Francisco: Appliance Service Factors, 123 Steuart St. (5)
Denver: Western Repair & Electric Co., 1203 California St.
Portland: Morrison Electric Co., 1206 S.W. Washington & 12th Ave. (8); Bressie Electric, 909 S.W. 5th Ave.
El Paso: Wayne M. Tinkler & Co., 2731 E. Yandell
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: Appliance Parts & Service, 216 Stewart St.
Spokane: Appliance Parts & Service Co., W. 609 Trent Ave. (8)
Honolulu: Hawaiian Elec. Co., Ltd., 900 Richards St.
Vancouver, B. C.: Wallace Electric Ltd., 427 Seymour St.

WATERBURY CLOCK CO.
(See Ingersoll Div.)

WATERMASTER ELEC. WATER HEATER (See Collins Concrete & Steel Pipe Co.)

WAVERLY PRODUCTS INC. (See Steam-O-Matic Corp.)

WELBILT CORP., 57-18 Flushing Ave., Maspeth 78, L. I., N. Y.
(Welbilt electric ranges and air conditioners)
Service stations:
Los Angeles: Lil Ferber, 659 S. Anderson St.
Santa Monica: Don Teller, 135 Palisades Ave.
Denver: Stanley Berkowitz, 4920 E. Vassar Lane
Seattle: Ted Kobbervig, 2074 23rd Ave., N. (2)

WELCH CO., W. W., 1010 Enquirer Bldg., Cincinnati 2, Ohio
(Air Flight circulators)
Service Stations:
Los Angeles: Calif. Electric Service, Inc., 832 S. Alvarado St. (5)
Long Beach: Calif. Electric Service, Inc., 1407 E. 4th St.
Oakland: Calif. Electric Service Inc., 1246 E. 14th St.
Pasadena: Calif. Electric Service Inc., 2594 E. Colorado St. (8)
San Francisco: Calif. Electric Service Inc., 168 First St. (5)
Denver: Midwest Electric Service Co., 1124 Santa Fe Drive

WELLS MFG. CO., 220 Ninth St., San Francisco 3, Calif.
Service Stations:
Los Angeles: Sterling Service, 927 S. Grand
San Diego: J. F. Zwiener Elec'l Co., 1242 1st Ave.
San Francisco: Wells Mfg. Co., 220 9th St. (3)
Portland: Bressie Elec. Co., 909 S.W. 5th Ave.
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Spokane: Appliance Parts & Service Co., W. 609 Trent

WESIX ELECTRIC HEATER CO., 390 1st St., San Francisco, Calif.
(Wesix electric water heaters and room heaters)
Branches:
Seattle: Securities Bldg., 3rd & Stewart (1)
Portland: Terminal Sales Bldg., 12th & Morrison St.
San Francisco: 390 1st St. (5)
Los Angeles: Brockman Bldg., 7th & Grand (14)

WESTCLOX, Div. of General Time Corp., La Salle, Ill.
(Electric clocks)
Service stations:
Phoenix: Smith's Clock & Watch Shop, 1512 N. 7th Ave.
Glendale: Glendale Time Shop, 434 N. Brand Blvd. (3)
Sacramento: LamCo Electric, 1415 21st St.
San Diego: J. F. Zwiener Electrical Co., 1242 1st Ave.
San Francisco: Schloss Mfg. Co., 540 Mission St. (5)
Denver: Mint Time Service, 339 13th St. at Tremont (4).
Butte: Radio Engineering & Service, 219 W. Park St.
Albuquerque: Greenwalt Jewelers, 317½ Gold Ave. S.W.
Portland: Alder Street Clock Shop, 251 S.W. Alder St.
Salt Lake City: Time & Instrument Co., 57 Richards St.
Seattle: Huletz Electric Co. Inc., 2017 7th Ave. (1)
Spokane: Harry's Electric Clock Hospital, 175 S. Post St.
Honolulu: T. Miyamoto Jewelers, 1110 Fort St.
Westclox material distributors:
Los Angeles: Friedman-Gessler Co. Inc., 220 W. 5th St.; E. W. Reynolds Co., 315 W. 5th St.
San Francisco: Nordman & Aurick, 657 Mission St.; E. W. Reynolds Co., 657 Mission St.; Williams & Peterson, 114 Geary St., 5th floor.
Denver: United Tool & Material Co., Suite 301, 16th & Champa; Vicksman Jewelers Supply Co., 1519 Glenarm.
Portland: Butterfield Bros., 317 S.W. Alder St.; Bernard Italie Co., 510 S.W. 3rd St.
Salt Lake City: Primrose Jewelers Supply, 28 W. 2nd South, 3rd floor.
Seattle: L. A. Clark Co., 1504 3rd Ave.; Mayer Bros., P. O. Box 1914.

WESTINGHOUSE ELECTRIC CORP., 246 E. 4th St., Mansfield, Ohio: Pacific Coast Regional Office, 1355 Market St., San Francisco 3, Calif.
(Ranges, refrigerators, home freezers, Laundromats, dryers, water heaters, Food Waste disposers, room air conditioners, water coolers, milk coolers, dehumidifiers, dishwashers)
Serviced by:
Westinghouse Electric Supply Co.
Seattle: 1051 First Ave. So. (4)
Spokane: N. 1028 Monroe St. (1)
Portland: 815 N.W. 12th Ave. (9)
Butte: 949 S. Montana St.
Boise: 318 S. Capitol Blvd.
Salt Lake City: 210 Rio Grande St. (14)
Phoenix: 1110 N. 21st Ave.
Denver: McCollum-Law Corp., E. 48th Ave. & Colorado Blvd.
Las Vegas: Saviers Elec. Prod. Corp., 101 E. Charleston Blvd.
Reno: Saviers Elec'l Prod. Corp. P.O. Box 531
San Diego: Distributors, Inc. 541 Second Ave. (12)
Los Angeles: 4601 S. Boyle Ave. (22), Vernon branch
Oakland: Speedway Refrig. & Appl. Serv., 751 E. 8th St.
Redwood City: Speedway Refrig. & Appl. Serv., 2560 El Camino Real.
San Francisco: Speedway Refrig. & Appl. Serv., 434 Ellis St.
El Paso: Zork Hardware Co., 115 San Francisco St.
Honolulu: Hawaiian Electric Supply Co., P.O. Box 459, 900 Clayton St.
(Irons, waffle irons, sandwich grills, roasters, percolators, hot plates, vacuum cleaners, fans, toasters, Cozy Glows, coffee makers, electric griddles, broiler grids, food mixers and electric bed coverings)
Serviced by:
Seattle: Westinghouse Elec. Supply Corp., 1051 First Ave. S. (4)
Spokane: Westinghouse Elec. Supply Corp., N. 1023 Monroe St. (1)
Tacoma: Ajax Electric Co. 747 Fawcett St.
Portland: Bee Electric Service, 28 N.W. 10th Ave. (9)
Butte: Reliable Radio Sales & Service, 2130 Ottawa St.
Boise: Home Appliance Service, 113 S. 24th St.
Salt Lake City: Westinghouse Electric Supply Co., 210 Rio Grande St. (14)
Phoenix: Westinghouse Elec. Supply Corp., 1110 N. 21st Ave.
Tuscon: Appliance Service Co., 703 E. 9th St.
Albuquerque: Griffith's Appliance Center, 309 3rd St. N.W.
Las Vegas: Saviers Elec. Prod. Corp., 101 E. Charleston Blvd.
Reno: Saviers Elec'l Prod. Corp., Box 531
Denver: McCollum-Law Corp., E. 48th Ave. & Colorado Blvd.
San Diego: Electric Supplies Dist. Co., 435 Second Ave. (12)
Los Angeles: California Electric Service Co., 832 S. Alvarado St.; Corwin Co., 1060 S. Figueroa St.; Westinghouse Elec. Supply Corp., 4601 S. Boyle.
Long Beach: California Electric Service Co., 1407 E. Fourth St.
San Francisco: California Electric Service Co., 168 First St.
Honolulu: Hawaiian Electric Supply Co., P.O. Box 459, 900 Clayton St.
El Paso: Zork Hardware Co., 115 San Francisco St.
Pasadena: California Electric Service, Inc., 2553 E. Colorado.
Oakland: California Electric Service, Inc., 1246 E. 14th St.
Fresno: Westinghouse Elec. Supply Co., 2608 California Ave. (1)
Sacramento: Westinghouse Elec. Supply Co., 1730 14th St. (14)
Great Falls: Service Center, 714 1st Ave., S.
Medford: Trowbridge & Flynn, 214 W. Main St.
(Radio)
Serviced by:
Westinghouse Electric Supply Co.:
Phoenix: 1110 N. 21st Ave.
Fresno: 2608 California Ave.
Sacramento: 1730 14th St.
Boise: 710 Front St.
Butte: 949 S. Montana St.
Salt Lake City: 210 Rio Grande St.
Seattle: 1051 First Ave. S.
Spokane: N. 1023 Monroe St.
Tucson: Reynolds Electronic Service, 2914 E. Beverly Drive
Bakersfield: G & M Radio Service, 214 Francis St.
Compton: F. M. Radio Service, 833 W. Compton Blvd.
Los Angeles: Beverly TV & Radio Co., 8413 Beverly Blvd.; Nielsen & Nielsen, 1462 Glendale Blvd.; California Electric Service Inc., 832 S. Alvarado St.; Horn & Cox, 4382 E. Bandini St.
Pasadena: California Electric Service Inc., 2582 E. Colorado Blvd.
Oakland: East Bay TV Service Inc., 5795 Foothill Blvd.
San Diego: Distributors Inc., 541 2nd Ave.
Santa Clara: Dexter's Radio & TV, 4780 Fremont Road
Denver: AAA TV Service Co., 902 12th St.; McCollum-Law Corp., E. 48th & Colorado Blvd.
Las Vegas: Saviers Electrical Products Co., 101 E. Charleston St.
Reno: Saviers Electrical Products Co., 640 Sierra St.
Albuquerque: McCollum-Law Corp., 1320 N. 12th St., N.W.
Tacoma: Paulson's Inc., 1101 S. K St.
Honolulu: Hawaiian Electric Supply Co., 930 Clayton St.
(Television)
Serviced by:
Westinghouse Electric Supply Co.:
Phoenix: 1110 N. 21st Ave.
Fresno: 2608 California Ave.
Sacramento: 1730 14th St.
Boise: 710 Front St.
Butte: 949 S. Montana St.
Salt Lake City: 210 Rio Grande St.
Seattle: 1051 First Ave. S.
Spokane: N. 1023 Monroe St.
Denver: McCollum-Law Corp., E. 48th & Colorado Blvd.
Las Vegas: Saviers Electrical Products Co., 101 E. Charleston St.
Reno: Saviers Electric Products Co., 640 Sierra St.
Albuquerque: McCollum-Law Corp., 1320 N. 12th St., N.W.
Honolulu: Hawaiian Electric Supply Co., 930 Clayton St.

WEST WIND CORP., 1800 Airport Way, Seattle, Wash.

WHIRLPOOL-SEEGER CORP., St. Joseph, Mich.
(Whirlpool automatic and wringer-type washers, automatic gas and electric dryers, household ironer)
Distributors:
Fresno: Edco Distributing Co., 2930 Butler St.
San Francisco: H. R. Basford Co., 235 15th St.
Los Angeles: Graybar Elec. Co. Inc., 210 S. Anderson.
San Diego: Graybar Elec. Co., 720 State St.
Portland: Electrical Dist. Inc., 140 N.W. 14th Ave.
Spokane: Prudential Dist., S. 151 Stevens.
Salt Lake City: Strevell-Paterson Hardware Co., 126 S.W. Temple
Denver: Western Appl. Co., 201 S. Cherokee.
Phoenix: Arizona Hardware Co., 47 E. Jackson
Long Beach: Graybar Electric Co., Inc., 800 W. 16th St.
Butte: Treasure State Gas & Electric Co., 827 S. Montana
Seattle: Whirlpool Northwestern Co., 925 Westlake N.
Honolulu: Electrical Distributors Ltd., 1440 Kapioland Blvd.
Parts and Service:
Long Beach: Wholesale Appl. Serv. Inc., 1133 E. Artesia St.
Los Angeles: Washing Machine Parts Co. Inc., 1241 S. Hope St. (15); Elec. Appl. Serv. Corp., 726 Venice Blvd.
San Diego: Washing Machine Parts Co. Inc., 1743 India St. (1); Elec. Appl. Serv. Corp., 302 17th St.
San Francisco: Washing Machine Parts Co. Inc., 45 Rhode Island; Electrical Appliance Service Corp., 1434 Howard St. (3)
Denver: Ray Jones Washing Machine Parts & Service Co., 376 Broadway, S.; Niles Washing Machine Supply Co., 509 14th St. (2)
Boise: Strevell - Paterson Hardware Co., 408 S. 9th St.
Portland: W. L. May Co. Inc., 215 N.W. Park Ave.
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Spokane: Appliance Parts & Service Co., 609 W. Trent St. (8)

WHITE CROSS APPLIANCES
(See Chicago Electric Division of the Silex Co.)

WHITE PRODUCTS CORP., Division of Lamb Industries Inc., Middleville, Mich.
(White electric and gas water heaters)
Parts and service:
Denver: Contractors Htg. & Supply Co., 70 Santa Fe Dr. (9).
Pueblo: Bernstein Bros., 175 S. Santa Fe Ave.
Salt Lake City: Western Supply Co., 357-9 W. 2nd St. (1); Strevell - Paterson Hdwe. Co., 126 S.W. Temple; Utah Plumbing Supply, 2460 S. State St.
Boise: Strevell-Paterson Hdwe. Co.
Idaho Falls: Rogers Wholesale Supply, 100 Birch St.
Portland: Plumbers Supply Corp., 0618 S.W. Gibbs.
Salt Lake City: Strevell-Paterson Hdwe. Co., 126 S.W. Temple St. (10).
Seattle: Ziddel of Seattle, 707 Lander St. (4).
Spokane: Colonial Fuel Co., E. 117 Boone Ave.
Honolulu: Hawaiian Wholesale Factors, 985 Dillingham Blvd. (17).

WHITE SEWING MACHINE CORP., Cleveland 1, Ohio
(White sewing machines)
Department stores where service and repair work may be obtained:
Seattle: The Bon Marche
Spokane: The Crescent
Portland: Meier & Frank Co.
San Bernardino: The Harris Co.
San Diego: Walker's
San Francisco: The Emporium; Macy's of San Francisco
Oakland: H. C. Capwell & Co.
San Jose: L. Hart & Son Co.
Stockton: Stockton Dry Goods Co.
Fresno: E. Gottschalk & Co.
Los Angeles: The May Co.; Broadway Dept. Store
Denver: The May Co.
Salt Lake City: Auerbach Co.
Sacramento: Hale's Dept. Store
Phoenix: Korrick's Inc.
Hawaiian Islands: White Sewing Machine Agency

WIEGAND CO., EDWIN L., 7500 Thomas Blvd., Pittsburgh, Pa.
(Chromalox elec. htg. units; Chromalox elec. range top cooking units, water heater replacement units)
Serviced by Montgomery Bros.:
Seattle: 911 Western Ave. (4)
Portland: 1632 N.W. Johnson St.
San Francisco: 1122 Howard St. (8)
Los Angeles: 2113 S. San Pedro St. (1)
Denver: Richards & Associates Inc., 2415 15th St. (2).
Distributors:
Kingman: Tarr, McComb & Ware
Phoenix: New State Electric, 5th St. and Jackson; J. E. Redmond Supply, 625 Madison St.
Prescott: Tarr, McComb & Ware
Tucson: Tucson Elec. Supply Co., 523 E. 10th St.
Bakersfield: Kern Elec. Dist., 3830 Chester Ave.
Eureka: North Coast Mercantile, Foot of D St.
Fresno: Electrical Suppliers, Inc., P.O. Box 628; Incandescent Supply Co., 906 N St.
Imperial: Imperial Irrigation District
Los Angeles: Washing Machine Parts Co. Inc., 1241 S. Hope
Oakland: Electrical Appliance Service Co., 4238 Broadway
Redding: Incandescent Supply Co., 2146 Pine St.; Valley Electric Co. of Redding, 1117 Parkview
Sacramento: Incandescent Supply Co., 2111 Q St.; Valley Elec. Co., 1831 18th St.; Electrical Appliance Service Co., 1626 N. C St.
Salinas: Electric Supply of Salinas, 39 Summer St.
San Diego: Coast Elec. Co., 744 G St.; Washing Machine Parts Co.
San Francisco: J. B. Calder Co., 1017 Howard St.; Incandescent Supply Co., 647 Mission St.; Washing Machine Parts Co., 45 Rhode Island St.
Ventura: Valley Elec. Supply, 188 W. Brooks St.
Boise: Afton Lemp Elec. Co., 415 S. 9th
Twin Falls: Afton Lemp Electric Co.
Billings: Midland Implement Co.; Montana Elec. Supply; Glacier State Elec. Supply
Great Falls: Glacier State Elec. Supply
Kalispell: Kalispell Merc. Co.; Glacier State Electric Supply, 45 Railroad West
Missoula: Missoula Merc. Co.
Las Vegas: Saviers Electrical Products, 110 W. Charleston Blvd.
Reno: Saviers Elec. Products, 601 Sierra St.
Albuquerque: State Elec. Supply Co.
Eugene: C. P. Tillman Co., 215 W. Fifth; Eoff Electric Co., 556 Charnelton St.
Klamath Falls: Lorence Co.
Medford: Lorenz Co.; Sloan Co.
Portland: Chown Elec. Supply Co., 112 S. W. 2nd Ave.; Eoff Elec. Co., 509 N.W. 10th Ave.; W. L. May Co., 215 N.W. Park Ave.; North Coast Electric, 625 N. W. Everett; Stubbs Electric, 33 N.W. Park Ave.; Johnstone Supply, 438 S.W. 6th Ave.
Salem: Eoff Elec. Co., 156 N. Front
Salt Lake City: Flint Dist. Co., 316 W. 2nd St.; Commercial Distributing Co., 25 S. 3rd West St.; Salt Lake Hardware, P.O. Box 510
Everett: Bean Electric Co., 2222 Everett Ave.
Seattle: Appliance Parts & Service, 216 Stewart St.; Globe Elec. Co., 215 2nd Ave. S.; North Coast Elec. Co., 171 Jackson St.; Palmer Elec. Co., 307 Westlake N.; Bean Electric Co., 924 1st Ave. S.
Spokane: Appliance Parts & Service, W. 609 Trent Ave.; Columbia Elec. & Mfg. Co., S. 123 Wall St.
Tacoma: Home Elec. Co., 2212 A St.
Walla Walla: Electric Supply & Fixture Co., 11th & Rose St.
Wenatchee: Wells and Wade; Bean Electric Co., N. 9 Fifth St.
Yakima: Inland Pipe & Supply Co., Front & Walnut

WILCOX-GAY CORP., Charlotte, Mich.
(Recordio, Recordette, Recordio discs, Recordiopoint needles, Recordio recording tape)
Service stations:
Los Angeles: Authorized Parts & Service Co., 1453 Pico Blvd. (15).
San Francisco: Robert Dollar Co., 50 Drumm St.
Portland: Popes Radio & TV Service, 1615 N.W. Glisan St.

WILLIAMS OIL-O-MATIC DIVISION, Eureka Williams Corp., 1201 E. Bell St., Bloomington, Ill.
(Williams Oil-O-Matic burners, boilers, furnaces and Williams H.P. burners)
Spokane: J. F. Babcock, 222 N. Division St.; Pac. Coast Heating & Appl. Co., W. 1205 College.
Walla Walla: W. R. O'Rourke Plumb. & Htg. Co., 339 S. 2nd St.
Portland: Pac. Coast Htg. & Appl. Co., 1464 N.W. Front Ave.; Power Plant Eng. Co., 4069 N.E. Union Ave. (12)
Salem: Heating Equipment Co., 274 N. 20th St.
Eugene: L. P. Curtsinger, 267 Van Buren St.
San Francisco: E. A. Cornely, Inc., 1277 Howard St.
Oakland: Cooks Oil Co., 1350 Powell St. (6).
Sacramento: Rotary Sierra Co., 1625 N. C St.
Salt Lake City: Red Feather Oil Co., 204 W. 17th S.
Reno: Savage & Son Inc., 628 S. Virginia St.
San Diego: Southwest Supply Co., 510 8th Ave.
Los Angeles: Harry F. Haldeman Inc., 2401 S. Hill St.
The Dalles: R. A. Twiss, 506 E. 2nd
Everett, Wash.: F. M. Haskell P. & H., 3014 Wetmore Ave.; Everett Plbg. & Htg. Co., 2728 Rockefeller St.
Longview: Manning Fuel Oil Co., Vandercook & Commerce
Vancouver, Wash.: Power Inc., 607 W. 11th St.
Missoula: Thrasher Htg. Serv., 612 S. Higgins
Ogden: Weber Fuel Oil Co., 2359 Grant St.
Tremonton, Utah: J. G. Burgess Co., 121 So. First E.
Boise: Ryan Automatic Heating Co., Route No. 2; Foster Htg. Ser., 2620 Broadway
Idaho Falls: Idaho Falls Produce & Supply Co., Box 337
Olympia: Acme Fuel Co., 416 State St.
Seattle: Pac. Coast Heating & Appl. Co., Foot of Main St.
Yakima: Buren Sheet Metal Co.
Caldwell, Ida.: Heating Equipment Co., 608 Main St.
Nampa, Ida.: Shaw Sheet Metal, 115 14th Ave. S.
Twin Falls, Ida.: Abbotts Plumbing & Appliance Co., 740 Shoshone St. W.
Weiser, Ida.: Benson & Bates Plumbing, Heating & Electric Co., 1006 W. 5th St.

WINSTED HARDWARE MANUFACTURING CO., Winsted, Conn.
(Waring and Durabilt appliances)
Service Stations:
Long Beach: Calif. Elec. Serv. Co., 1407 E. 4th St.
Sacramento: Lamco Electric, 1415 21st St.
San Francisco: Appliance Service Factors, 123 Steuart St. (5)
Los Angeles: Calif. Elec. Serv. Inc., 832 So. Alvarado St. (5)
Portland: Bressie Electric, 909 S.W. 5th Ave.; Morrison Elec. Co., 1206 S.W. Wash. at 12th Ave. (8)
Denver: Western Repair & Electric Co., 1203 California St.
Salt Lake City: Appliance Service Center, 57 Richards St.
El Paso: Wayne M. Tinkler & Co. Ltd., 2731 E. Yandell
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Spokane: Appliance Parts & Service Co., W. 609 Trent Ave. (8)
Honolulu: Hawaiian Elec. Co. Ltd., 900 Richards St.

WOOD CO., JOHN, Conshohocken, Pa.; Chicago, Ill.

WOOLWINE ELEC. RANGES
(See Thermador Elec. Mfg. Co.)

ZENITH RADIO CORP., 6001 Dickens Ave., Chicago 39, Ill.
(Zenith radio and television)
Distributors:
Phoenix: Electrical Equipment Co. of Ariz., 1st Ave. at Madison
Fresno: B. J. DeJarnatt Wholesale Co., 223 Fulton St.
Los Angeles: Suss, Young & Brown Inc., 3636 S. Bronson Ave.
Sacramento: Broili-Parks Co., 2225 19th St.
San Diego: Elec. Supplies Dist. Co., 435 2nd Ave. (12)
San Francisco: H. R. Basford Co., 235 15th St.
Denver: Western Appliance Corp., 201 S. Cherokee St.
Billings: Midland Implement Co., 2301 Montana Ave.
Albuquerque: Albert Mathias & Co. Inc., 700 N. 1st St.
Portland: Electrical Dist. Inc., 140 N.W. 14th Ave. (9)
Salt Lake City: General Appliance Corp., 341 Rio Grande St.
Seattle: Seattle Hdwe. Co., 501 First Ave., S. (14)
Spokane: Columbia Electric & Mfg. Co., 123 S. Wall St. (8)
El Paso: Albert Mathias & Co. Inc., 111-119 S. Mesa Ave.
Honolulu: Vonn Hamm-Young Co. Ltd., King & Bishop Sts.

INDEX TO ADVERTISERS Directory Section Part II November 1955

American Truck Equipment Co. 5
Allied Industries Inc. 52
Allen Co. Inc., L. B. 2
Arthur, Robert J. 42
Advertising Council 13
Bakeman & Associates, C. T. 60
Bartlett Mfg. Co. 7
Baxter Co. 68
Benz Co., Fred D. 3
Best, Ken H. 73
Biddle Trade Bureau 8
Blackburn Corp., Jasper 10, 70
Bran Co., The Frank H. 1
Brenner-Fiedler & Associates 6
Briegel Method Tool Co. 11
Brundage, J. H. 20
Buchanan Elec. Prod. Corp. 12, 78
BullDog Electric Products of L. A. 76
Bussmann Mfg. Co. 14
California Conduit & Cable Co. 15
California Ultraviolet Co. 72
Cannon Electric Co. 15
Carder Jr. Co., John 57
Chilton, H. R. 72
Coastal States Elec. & Equip. Co. 77
Collyer Insulated Wire Co. 17
Columbia Cable & Electric Co. 2nd Cover
Condon Co., Earl S. 44
Conduit Pipe Products Co. 68
Cook Co., E. B. 39
Curry Co., The 80
Delta-Star Electric Division 18
Duncan Electric Mfg. Co. 63
Easterbrook, H. D. 3
Economy Fuse & Mfg. Co. 22
Economy Transformer Co. Inc. 22
Eichorn & Melchior 45
Electric Corp., The 68
Electrical Specialty Co. 3rd Cover
Everstick Anchor Co. 25
Fanno Saw Works 39
Ford Co. Inc., T. A. 57
General Electric Supply Co. 9
Geraty Engineering Specialties 4th Cover
Goebel, William J. 76
Gray Co., George A. 29
Greene & Sons, H. R. 79
Hall, Fred C. 30
Hill Transformer Co. 31
Honn Co., George E. 58
Indiana Steel & Wire Co. 32
Industrial Eng. & Equip. Corp. 38
Ingalls & Sons, C. E. 30
International Register Co. 33
Kamphausen Co., Don 46
Kaufmann, Leo 69
Kearney Corp., James R. 35
Kirk-Polka Co. 55
Knopp Inc. 34
Kortick Mfg. Co. 36
LaMoree, C. D. 33
Liner Co., Joseph 80
Maydwell & Hartzell Inc. 37
Metcalf & Co. Inc., James I. 85
Meyers Safety Switch Co. Inc. 40
Montgomery Brothers 70
Moloney Electric Co. 41
Mundstock, James 72
Nicholas, Fred M. 65
North American Electric Lamp Co. 43
Nott, L. A. 52
Nourse Equipment Co. 78
Olympic Instrument Laboratories 44
Pacific Utilities Supply Co. 50
Parker Co., A. R. 69
Pass & Seymour Inc. 45
Pfaff & Kendall 47
Pomeroy Co., J. G. 73
Pope, Forrest E. 65
RLM Standards Institute 27
Randolph Co., H. J. 23
Reliance Automatic Lighting Co. 51
Revell Inc. 75
Routh Co., T. R. 64
Ryals Co., K. M. 48
Safety Switchboard Co. Inc. 52
Shirreffs Co., Jim 59
Sierra Electric Corp. 53, 74, 80
Smith Co., Lombard 73
Smoot-Holman Co. 54
Soapstone Duct Co. 67
Sorgel Electric Co. 79
Spang Chalfant Div., Nat'l Supply 55
Standard Electric Sales 59
Stone, Carlos W. 65
Tri-State Supply Corps. 71
Waltham, DeWitt & Krusi 9
Western Hardware & Tool Co. 64, 66, 76
Western Switchboard Co. 77
Western Transformer Co. 61
Wicx-Merit Glove Co. 75
Young & Co., Robert A. 77

ELECTRICAL SPECIALTY CO.

Since 1912

The West's Oldest Distributor of Electrical Insulating Materials

INSULATING MATERIALS

Adhesives, Coatings, Sealers
Asbestos—Tape, Cloth, Sleeving, Cord, Ebony, Transite
Fiberglas—Cloth, Tape, Tubing
Fiber and Fish Paper
Johns-Manville Insulations
Mica—Sheet, Tape, Tubing
Papers—Combination Slot Insulation, Duro, Cuffed Paper, Glassine, Kraft Coil, Mylar, Pressboard
Scotch Tapes—Electrical, Packaging, Cellophane
Silicone Products
Solder, Paste and Fluxes
Tape—Cotton, Varnished, Vinyl
Tubing—Varnished, Saturated, Extruded
Twine—Seine, Marlin, Armature, Waxed
Varnished Cloth, Tape, Paper
Varnishes—Insulating, Glyptal, Enamels
Waxes, Compounds, Greases
Wedges—Wood, Fiber
Wicking

PLASTICS

Sheet—Rod—Tubing—Fabricated Parts • Bakelite-Laminated • Plexiglas • Acetate • Vinylite • Teflon • Polyesterglass • Polystyrene • Kel-F •

METAL ALLOYS

Wire—Ribbon • Nickel—Chrome • Monel • Stainless • Nickel • Copper • Silver Contacts • Beryllium • Rodar •

WIRE

Magnet Wire • Switchboard • Portable Cords • Motor Lead • Hook-up • Industrial Cables • Cord Sets • Harnesses • Driver Resistance Wire—Ribbon

MISCELLANEOUS

Brady—Quick Labels • Safety Signs • Pipe—Aisle Markers • Ilsco Lugs—Connectors • Capacitors • Electric Motor Shop Equipment • Electrical Steatite and Porcelain • Switches •

Products Made by America's Finest Factories

W. H. BRADY COMPANY

WILBUR B. DRIVER COMPANY

GENERAL ELECTRIC COMPANY

ILSCO CORPORATION

JOHNS-MANVILLE CO.

MINNESOTA MINING & MANUFACTURING COMPANY

NATVAR CORPORATION

THE OKONITE COMPANY

OWENS-CORNING FIBERGLAS CORPORATION

PANELYTE DIVISION ST. REGIS SALES CORPORATION

PHELPS-DODGE COPPER PRODUCTS CORPORATION

Please write or call for current price catalog

SAN FRANCISCO 3, CALIFORNIA
158-168 Eleventh Street
Telephone: HEmlock 1-8450

LOS ANGELES 23, CALIFORNIA
2820 East 12th Street
Telephone: ANgelus 9-9511

SEATTLE 4, WASHINGTON
2406 First Avenue South
Telephone: ELiot 8061

DENVER 4, COLORADO
1101 Stout Street
Telephone CHerry 4-4588

PHOENIX, ARIZONA
Alpine 2-2107

Geraty Engineering Specialties . . . .

G. Case Geraty, Jr.

380 COLUSA AVENUE, BERKELEY 7, CALIFORNIA - LANDSCAPE 5-5645

INDUSTRIAL CONTROL SPECIALISTS
Serving the West

MANUFACTURER'S AGENT—STOCKING DISTRIBUTOR FOR

B/W Controller Corp. — First in Floatless Controls — Since 1933

All-electric entirely floatless liquid level and industrial controls.
The most reliable method of controlling the levels of all liquids that are conductors of electricity.

Start and Stop Pumps—Open and Close Valves—Signal High and Low Levels

B/W CONTROLS
ARE SIMPLE — RELIABLE — POSITIVE

ARE NOT AFFECTED BY PRESSURE—TEMPERATURE—ACIDS—OR CAUSTICS
HAVE NO MOVING PARTS IN THE LIQUID—REQUIRE NO ELECTRONIC TUBES
REQUIRE NO COMPRESSED AIR TO FUNCTION—ARE EASY TO INSTALL

The **B/W METHOD** uses electrodes immersed in the liquid in conjunction with the B/W induction relay which generates the control current of a few milliamperes flowing thru the liquid between the electrodes. This control current has no connection with the A. C. power supply. The conductive liquid acts like a switch to open and close this circuit. Relay can be located a long distance from the liquid under control.

B/W CONTROLS INCLUDE — RELAYS—MOTOR STARTERS—REVERSERS—CONTACTORS SOLENOIDS—CUSTOM BUILT CONTROL PANELS—LONG DISTANCE LIQUID LEVEL AND REMOTE CONTROL & SIGNAL SYSTEMS.

When you are faced with liquid level and industrial control problems write—wire—or phone your troubles to Geraty

WRITE FOR OUR STOCK LIST AND CATALOG

ELECTRICAL AND PUMPING CONTRACTORS—Ask your wholesaler for these controls—if he can't supply you —we can and will

FACTORY AGENT FOR

TRIAD ENGINEERING CORP.
MOTORS & GEARMOTORS

Heavy Duty with lifetime lubricated ball bearings.

Motors 1/20 to 5 H.P.
Gearmotors 1/6 to 5 H.P.

The hidden quality built into these motors and gearmotors makes them the "jewelry" of the trade.

DIAMOND METAL PRODUCTS
SWING & REVOLVING JOINTS

For

Steam — Air — Gas

and all fluids that do not attack brass.

DIAMOND DARES YOU

to make a 30 day free trial of

DIAMOND JOINTS

JAMES A. MURPHY & CO.
MOISTURE and OIL SEPARATORS
for Compressed Air Lines

Murphy Products Banish Moisture from compressed air lines or Murphy refunds your money.

WHAT CAN YOU LOSE?
WRITE US ABOUT YOUR AIR.

MURPHY ALSO HAS TRAPS — SPRAY GUNS — PISTOL SPRAYERS.

Our Business is Built on the Good Will of Many Satisfied Customers

CHARTER MEMBER MANUFACTURERS' AGENTS NATIONAL ASSOCIATION